



Fiscal Year 2000 - 2001

**SAN DIEGO
SAFE COMMUNITIES
2000 PLUS**

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**REPORT OF
FATAL AND INJURY
TRAFFIC COLLISIONS
INCLUDING
TRENDS**

1996/97 - 2000/01

Produced by the County of San Diego, Health and Human Services Agency,
Division of Emergency Medical Services, February 2003

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SAFE COMMUNITIES 2000/01
SAN DIEGO SAFE COMMUNITIES – 2000 PLUS

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SAFE COMMUNITIES IN THE COUNTY OF SAN DIEGO

Safe Communities is a program funded by the Office of Traffic Safety (OTS) through the Business, Transportation and Housing Agency of California, and the National Highway Traffic Safety Administration (NHTSA). The Safe Communities Program utilizes a community-based, coalition-led model driven by data analysis for prevention of injuries and deaths from motor vehicle crashes.

In the County of San Diego, two projects have received funding which together provide coverage over the entire geographic area of the county. For the purposes of the Safe Communities Program, the county has been divided into five geographic regions based on subregional areas defined by the San Diego Association of Governments (SanDAG).

One of the two projects, entitled “San Diego Safe Communities–2000 Plus”, is administered by the San Diego Police Department-Traffic Division. It provides coverage for the following nine areas that collectively constitute the “**City of San Diego Region**”:

- Central San Diego
- Southeast San Diego
- Mid City
- Kearny Mesa
- Coastal
- University
- Del Mar-Mira Mesa
- Miramar
- Elliot-Navajo

The San Diego State University Foundation administers the other of the two projects, entitled “Safe Communities – San Diego County.” It provides coverage for the other four geographic regions of the county as defined below:

North County Coastal Region

- Pendleton
- San Dieguito
- Carlsbad
- Oceanside
- Vista
- North San Diego

North County Inland Region

- Escondido
- San Marcos
- Valley Center
- Pauma
- Fallbrook
- Palomar-Julian
- Ramona
- Anza-Borrego
- Poway

South Bay Region

- Peninsula
- Coronado
- National City
- Sweetwater
- Chula Vista
- South Bay

East County Region

- Jamul
- Spring Valley
- Lemon Grove
- La Mesa
- El Cajon
- Santee
- Lakeside
- Harbison-Crest
- Alpine
- Laguna-Pine Valley
- Mountain Empire

About This Report

The County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services (EMS) provides data to both of these projects from a variety of databases.

The data summaries in this report have been produced by EMS based on data obtained from the State-Wide Integrated Traffic Records System (SWITRS). The data from SWITRS for the County of San Diego have been geo-coded at EMS using an ArcView based system. This geo-coding has enabled EMS to create data summaries separately for each of the regions as well as to produce maps showing the location of the crashes.

This report provides the same set of tables, charts, and maps for the City of San Diego Region and the County of San Diego. The City of San Diego Region section includes additional tables by subregional area within the City of San Diego Region. Also the County of San Diego section has two tables that summarize crash and victim data across all regions.

SAN DIEGO SAFE COMMUNITIES – 2000 Plus

San Diego Safe Communities–2000 Plus (SDSC-2000 Plus) is a project of the City of San Diego. It is funded by the National Highway Traffic Safety Administration (NHTSA) through the California Office of Traffic Safety (OTS). SDSC-2000 Plus is administered for the City of San Diego by the San Diego Police Department-Traffic Division.

Operational Process

A 65-member coalition, representative of the city’s injury prevention resources (referencing the city profile as developed by the Greater San Diego Area Chamber of Commerce), performs the planning and oversight functions for the project.

The Coalition, assisted by Ad Hoc committees of its members, collected traffic injury data through the County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services (EMS). Analysis of this data identified 3 subregional areas of the city as locations of high risk from traffic crashes: Central, Kearny Mesa, and Mid City. Supplemental data focusing on these three subregions were collected from EMS.

The preliminary and supplemental data were re-analyzed, evaluated and summarized for submission to the Coalition for the assignment of problem priorities.

A Program Design committee of Coalition members reviewed the data summary and the Coalition priorities and designed 7 programs to be implemented. These are:

- Bicycle/Pedestrian Injury Prevention through a partnership with the City of San Diego Traffic Engineering Department and SAFE MOVES to provide bicycle information/education and hands-on training to all San Diego schools, plus numerous community events.
- Vehicle Occupant Protection/Child Passenger Safety through Buckle Up San Diego and partners, San Diego SAFE KIDS Coalition and the San Diego Police Department-Traffic Division, involving child passenger safety and seat belt awareness, education and training for correct selection, installation and use of child safety seats, including “checkups” and individual and group consultations.
- Targeting Young Adult Drivers ages 21-34 to reduce their predominant involvement in traffic crashes, both as injury victims and as the drivers determined to have been responsible for the crashes.
- Cooperative Support for Engineering and Enforcement Efforts to address specific pedestrian problems and frequent traffic law violations as identified by sophisticated and comprehensive data, including GIS mapping.
- Promoting Injury Prevention Awareness through the establishment of the SDSC-2000 Plus website, www.sdsafecommunities.com and the conduct of such campaigns as “Crashes Aren’t Accidents”.
- Promotional Support for Other National, Regional and State Injury Prevention Programs, such as California 3D Month, Lights On For Life, RADD Designated Driver Challenge, Buckle Up America, and the San Diego SAFE KIDS program.

BUCKLE UP SAN DIEGO (BUSD) is a component of San Diego Safe Communities-2000 Plus. Its services seek to increase the correct use of child passenger seats, booster seats and seat belts. Their consistent use is the most effective way to reduce deaths and injury from traffic crashes, and to reduce the enormous societal costs they cause.

Community Resource Involvement

In the course of the implementation of their programs, activities, and services, SDSC-2000 Plus and BUSD partner with a number of agencies and organizations, among whom are: San Diego Police department-Traffic Division, County of San Diego Emergency Medical Services, San Diego Children's Hospital, San Diego SAFE KIDS Coalition, City of San Diego Traffic Engineering Department, Safe Communities-San Diego County, the California Department of Health Services, the California Institute for Transportation Safety, California Office of Traffic Safety and the National Highway Traffic Safety Administration.

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SAFE COMMUNITIES 2000/01 COUNTY OF SAN DIEGO

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SAFE COMMUNITIES 2000/01 CITY OF SAN DIEGO REGION

DEFINITION OF TERMS

Types of Crashes:

1. ***Injury Crash:*** Any motor vehicle crash involving one or more motor vehicles, in which one or more persons was killed or injured.
2. A ***Motor Vehicle Occupant Crash*** is an injury crash ...
 - a. in which the initial impact was between two or more motor vehicles, or the crash involved only a single vehicle (e.g., impact with a fixed object, or a rollover), and
 - b. none of these motor vehicles was a motorcycle, and
 - c. the initial impact was not with a pedalcyclist or a pedestrian, and
 - d. where at least one of the occupants of a motor vehicle was killed or injured.

Note: There may be injuries or fatalities among non-motor vehicle occupants (motorcyclists, pedestrians, pedalcyclists) in Motor Vehicle Occupant Crashes. Only injuries and fatalities among motor vehicle occupants are reported in section 2 of this document.

3. A ***Motorcycle Crash*** is an injury crash...
 - a. in which one or more of the motor vehicles is a motorcycle and
 - b. the initial impact was not with a pedalcycle or a pedestrian.

Note: There may be injuries or fatalities to non-motorcycle riders (motor vehicle occupants, pedestrians, pedalcyclists) in Motorcycle Crashes. Only injuries and fatalities among motorcyclists are reported in section 4 of this document.

4. A ***Pedalcycle Crash*** is an injury crash in which the initial impact involved a pedalcycle but not a pedestrian.

Note: There may be injuries or fatalities to non-pedalcyclists (motor vehicle occupants, motorcyclists, pedestrians) in Pedalcycle Crashes. Only injuries and fatalities among pedalcyclists are reported in section 6 of this document.

5. A ***Pedestrian Crash*** is an injury crash in which the initial impact involved a pedestrian.

Note: There may be injuries or fatalities to non-pedestrians (motor vehicle occupants, motorcyclists, pedalcyclists) in Pedestrian Crashes. Only injuries and fatalities among pedestrians are reported in section 8 of this document.

Statistical Measures

1. **Population:** Calculated from SANDAG estimates for subregional areas on January 1, 2001.
2. **Area:** Calculated from data received from SANDAG for subregional areas.
3. **Crash Victim Injury Rate (Pop):** The number of persons killed or injured in all motor vehicle crashes per 1000 population.
4. **Crash Victim Injury Rate (Sq. Mi.):** The number of persons killed or injured in all motor vehicle crashes per square mile of area.
5. **Number of Licensed Drivers:** Obtained from SWITRS “2000 Annual Report of Fatal and Injury Motor Vehicle Traffic Collisions”.
6. **Number of Registered Vehicles:** Obtained from SWITRS “2000 Annual Report of Fatal and Injury Motor Vehicle Traffic Collisions”.

Safe Communities Regions:

The geographic areas covered by the Safe Communities Regions are determined by the boundaries of the Subregional Areas of San Diego County of which they are composed. Listed below are the Subregional Areas that constitute each of the Regions.

City of San Diego Region:

Central San Diego
Southeast San Diego
Mid City
Kearny Mesa
Coastal
University
Del Mar-Mira Mesa
Miramar
Elliot-Navajo

North County Inland Region:

Escondido
San Marcos
Valley Center
Pauma
Fallbrook
Palomar-Julian
Ramona
Anza-Borrego
Poway

East County Region:

Jamul
Spring Valley
Lemon Grove
La Mesa
El Cajon
Santee
Lakeside
Harbison-Crest
Alpine
Laguna-Pine Valley
Mountain Empire

North County Coastal Region:

Pendleton
San Dieguito
Carlsbad
Oceanside
Vista
North San Diego

South Bay Region:

Peninsula
Coronado
National City
Sweetwater
Chula Vista
South Bay

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REPORT OF FATAL AND INJURY TRAFFIC COLLISIONS

* * * *

CITY OF SAN DIEGO REGION

Fiscal Year 2000 - 2001

Produced by the County of San Diego, Health and Human Services Agency,
Division of Emergency Medical Services, February 2003

Funding for this program was provided by a grant from the California Office of Traffic Safety
through the Business, Transportation & Housing Agency

1: OVERVIEW

Table 1-1
Number of Victims Killed or Injured in Crashes in the City of San Diego Region
by Type of Crash and Type of Victim
July 1, 2000 to June 30, 2001

Type of Crash	Type of Victim								Total	
	Motor Vehicle Occupant	Motorcyclist	Pedestrian	Pedalcyclist	Other					
Motor Vehicle Occupant	6531† (99.86%)*	0 (0.00%)	8 (0.12%)	0 (0.00%)	1 (0.02%)				6540	(100.%)
Motorcycle	8 (3.19%)	241† (96.02%)	2 (0.80%)	0 (0.00%)	0 (0.00%)				251	(100.%)
Pedalcycle	4 (1.58%)	0 (0.00%)	6 (2.37%)	243† (96.05%)	0 (0.00%)				253	(100.%)
Pedestrian	8 (1.83%)	4 (0.92%)	424† (97.25%)	0 (0.00%)	0 (0.00%)				436	(100.%)
Other	7 (9.46%)	0 (0.00%)	10 (13.51%)	55 (74.32%)	2 (2.70%)				74	(100.%)
Total	6558 (86.81%)	245 (3.24%)	450 (5.96%)	298 (3.94%)	3 (0.04%)				7554	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

†These are the victims included in the tables in sections 2, 4, 6, and 8.

Table 1-2
Number of Victims Killed or Injured in Traffic Crashes in the City of San Diego Region
by Type of Crash and Severity of Injury
July 1, 2000 to June 30, 2001

Type of Crash	Severity of Injury								Total	
	Killed	Severe Injury	Other Visible Injury	Complaint of Pain						
Motor Vehicle Occupant	40 (0.61%)*	149 (2.28%)	1613 (24.66%)	4738 (72.45%)					6540	(100.%)
Motorcycle	7 (2.79%)	30 (11.95%)	163 (64.94%)	51 (20.32%)					251	(100.%)
Pedalcycle	2 (0.79%)	14 (5.53%)	160 (63.24%)	77 (30.43%)					253	(100.%)
Pedestrian	15 (3.44%)	41 (9.40%)	209 (47.94%)	171 (39.22%)					436	(100.%)
Other	1 (1.35%)	6 (8.11%)	50 (67.57%)	17 (22.97%)					74	(100.%)
Total	65 (0.86%)	240 (3.18%)	2195 (29.06%)	5054 (66.90%)					7554	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

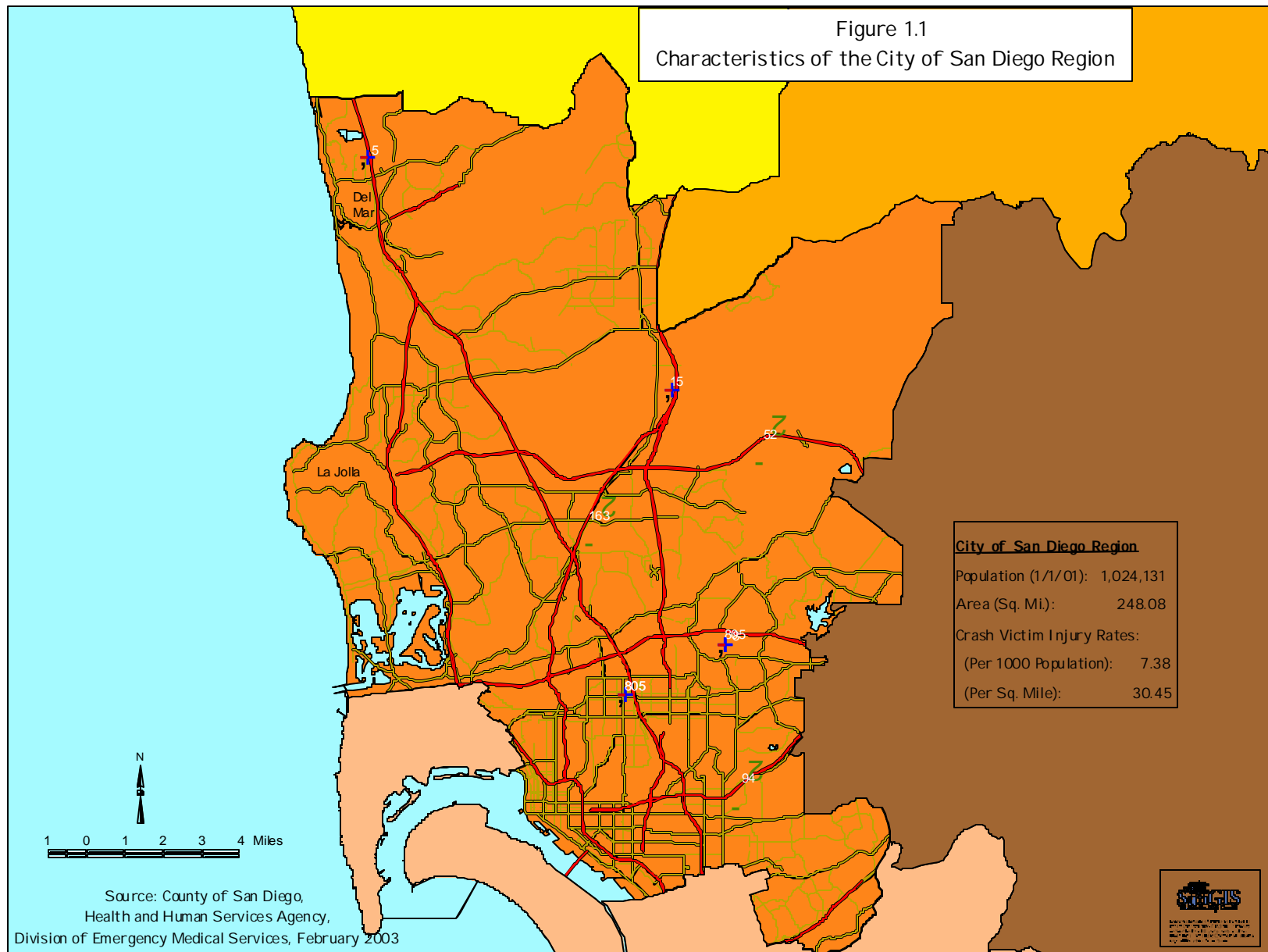


Table 1-3
Number of Fatal or Injury Crashes in the City of San Diego Region
by Type of Crash and Subregional Area
July 1, 2000 to June 30, 2001

Type of Crash	Subregional Area Within the City of San Diego Region									
	Central San Diego		Southeast San Diego		Mid City		Kearny Mesa		Coastal	
Motor Vehicle Occupant	858	(77.37%)*	400	(82.82%)	638	(80.05%)	876	(86.31%)	352	(72.58%)
Motorcycle	45	(4.06%)	11	(2.28%)	22	(2.76%)	57	(5.62%)	27	(5.57%)
Pedalcycle	65	(5.86%)	21	(4.35%)	43	(5.40%)	27	(2.66%)	47	(9.69%)
Pedestrian	122	(11.00%)	47	(9.73%)	88	(11.04%)	46	(4.53%)	49	(10.10%)
Other	19	(1.71%)	4	(0.83%)	6	(0.75%)	9	(0.89%)	10	(2.06%)
Total	1109	(100.%)	483	(100.%)	797	(100.%)	1015	(100.%)	485	(100.%)
Type of Crash	Subregional Area Within the City of San Diego Region								City of San Diego Region	
	University		Del Mar-Mira Mesa		Miramar		Elliott-Navajo			
Motor Vehicle Occupant	211	(81.78%)	457	(83.70%)	106	(90.60%)	224	(85.82%)	4124	(81.29%)
Motorcycle	19	(7.36%)	25	(4.58%)	7	(5.98%)	13	(4.98%)	226	(4.45%)
Pedalcycle	8	(3.10%)	25	(4.58%)	1	(0.85%)	8	(3.07%)	245	(4.83%)
Pedestrian	11	(4.26%)	28	(5.13%)	3	(2.56%)	11	(4.21%)	405	(7.98%)
Other	9	(3.49%)	11	(2.01%)	0	(0.00%)	5	(1.92%)	73	(1.44%)
Total	258	(100.%)	546	(100.%)	117	(100.%)	261	(100.%)	5073**	(100%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are column percents.

**Two crashes occurred in unknown subregional areas.

Table 1-4
Number of Victims Killed or Injured in Crashes in the City of San Diego Region
by Type of Crash and Subregional Area
July 1, 2000 to June 30, 2001

Type of Crash	Subregional Area Within the City of San Diego Region									
	Central San Diego		Southeast San Diego		Mid City		Kearny Mesa		Coastal	
Motor Vehicle Occupant	1322	(82.99%)*	674	(88.68%)	1013	(85.34%)	1400	(90.44%)	554	(80.06%)
Motorcycle	51	(3.20%)	12	(1.58%)	26	(2.19%)	63	(4.07%)	28	(4.05%)
Pedalcycle	67	(4.21%)	21	(2.76%)	46	(3.88%)	27	(1.74%)	50	(7.23%)
Pedestrian	133	(8.35%)	49	(6.45%)	96	(8.09%)	49	(3.17%)	50	(7.23%)
Other	20	(1.26%)	4	(0.53%)	6	(0.51%)	9	(0.58%)	10	(1.45%)
Total	1593	(100.%)	760	(100.%)	1187	(100.%)	1548	(100.%)	692	(100.%)
Type of Crash	Subregional Area Within the City of San Diego Region								City of San Diego Region	
	University		Del Mar-Mira Mesa		Miramar		Elliott-Navajo			
Motor Vehicle Occupant	337	(87.08%)	712	(88.56%)	169	(92.86%)	357	(89.47%)	6540	(86.58%)
Motorcycle	21	(5.43%)	25	(3.11%)	9	(4.95%)	16	(4.01%)	251	(3.32%)
Pedalcycle	8	(2.07%)	25	(3.11%)	1	(0.55%)	8	(2.01%)	253	(3.35%)
Pedestrian	12	(3.10%)	31	(3.86%)	3	(1.65%)	13	(3.26%)	436	(5.77%)
Other	9	(2.33%)	11	(1.37%)	0	(0.00%)	5	(1.25%)	74	(0.98%)
Total	387	(100.%)	804	(100.%)	182	(100.%)	399	(100.%)	7554**	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

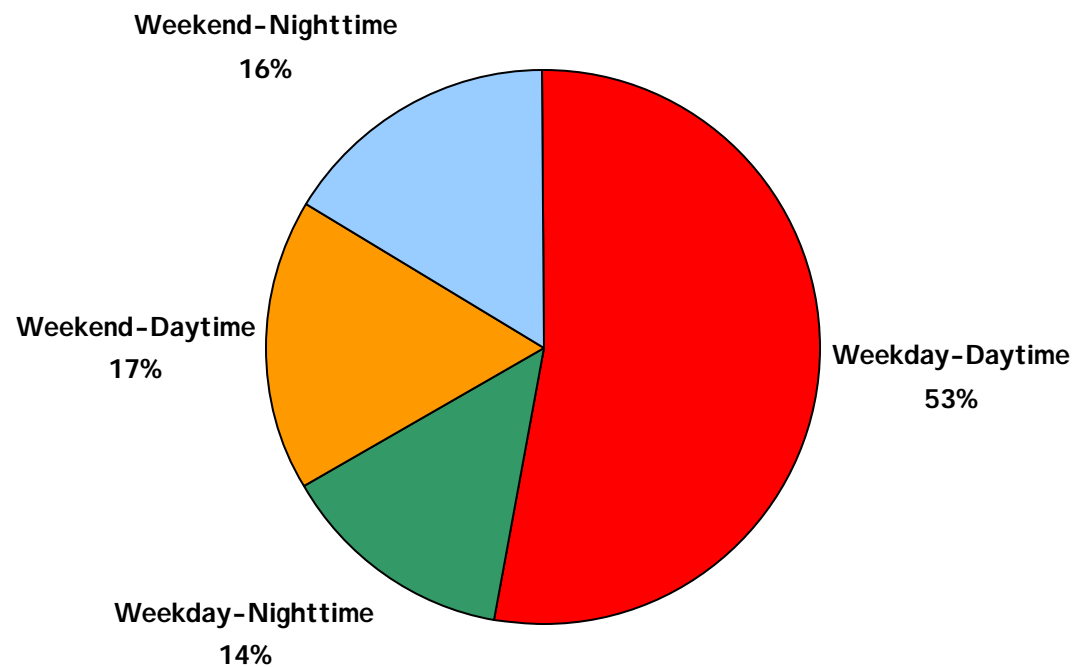
*Numbers in parentheses are column percents.

**Two victims were injured in unknown subregional areas.

2: MOTOR VEHICLE OCCUPANT VICTIMS

Table 2-1 Leading Causes of Motor Vehicle Occupant Injuries by Age Group of Victim City of San Diego Region							
Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4	Unsafe Speed 22	Improper Turning 15	Automobile Right-of-Way 13	Traffic Signals & Signs 10	Following Too Closely 6	**	80
5-9	Unsafe Speed 53	Improper Turning 23	Automobile Right-of-Way 22	Traffic Signals & Signs 16	DUI Alcohol/Drugs 10	**	177
10-14	Unsafe Speed 52	Improper Turning 28	Automobile Right-of-Way 27	DUI Alcohol/Drugs 17	Traffic Signals & Signs 16	Following Too Closely 12	183
15-19	Unsafe Speed 242	Improper Turning 122	Automobile Right-of-Way 99	Traffic Signals & Signs 79	DUI Alcohol/Drugs 63	Unsafe Lane Change 34	731
20-24	Unsafe Speed 331	Improper Turning 187	DUI Alcohol/Drugs 167	Automobile Right-of-Way 160	Traffic Signals & Signs 97	Following Too Closely 39	1109
25-34	Unsafe Speed 492	Improper Turning 199	Automobile Right-of-Way 194	DUI Alcohol/Drugs 169	Traffic Signals & Signs 142	Following Too Closely 84	1475
35-44	Unsafe Speed 409	Automobile Right-of-Way 160	Improper Turning 149	Traffic Signals & Signs 123	DUI Alcohol/Drugs 88	Following Too Closely 52	1134
45-54	Unsafe Speed 293	Improper Turning 111	Automobile Right-of-Way 97	Traffic Signals & Signs 91	DUI Alcohol/Drugs 61	Following Too Closely 45	821
55-64	Unsafe Speed 116	Traffic Signals & Signs 53	Automobile Right-of-Way 51	Improper Turning 39	Following Too Closely 22	DUI Alcohol/Drugs 19	359
65-74	Unsafe Speed 60	Automobile Right-of-Way 39	Traffic Signals & Signs 38	Improper Turning 27	DUI Alcohol/Drugs 10	Following Too Closely 7	213
75-84	Unsafe Speed 45	Automobile Right-of-Way 24	Improper Turning 22†	Traffic Signals & Signs 22†	**		144
85+	Unsafe Speed 11	Improper Turning 7	Automobile Right-of-Way 4†	Traffic Signals & Signs 4†	*		28
All Ages	Unsafe Speed 2142	Improper Turning 942	Automobile Right-of-Way 901	Traffic Signals & Signs 697	DUI Alcohol/Drugs 623	Following Too Closely 322	6531
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01. * Violation categories leading to a single victim were not ranked. ** Multiple violation categories with the same number of victims were not listed due to space limitations. † Tie							

Figure 2.1
Motor Vehicle Occupant Crash Victims by Time of Week
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

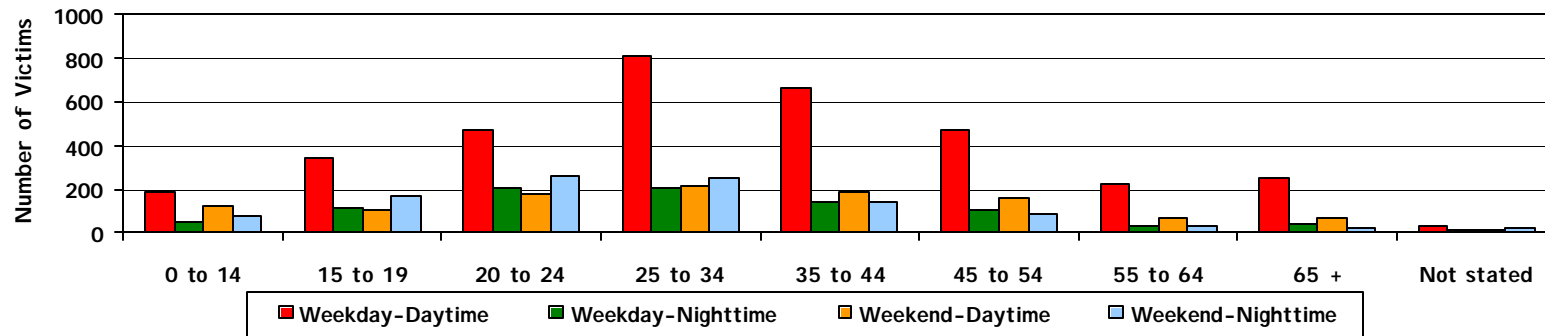
Table 2-2
Number of Motor Vehicle Occupant Victims Killed or Injured
in Motor Vehicle Occupant Crashes in the City of San Diego Region
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week								Total			
	Not Stated		Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime				Weekend-Nighttime	
0 to 4	0	(0.00%)*	38	(47.50%)	9	(11.25%)	26	(32.50%)	7	(8.75%)	80	(100.%)
5 to 9	1	(0.56%)	78	(44.07%)	22	(12.43%)	50	(28.25%)	26	(14.69%)	177	(100.%)
10 to 14	0	(0.00%)	74	(40.44%)	17	(9.29%)	51	(27.87%)	41	(22.40%)	183	(100.%)
15 to 19	0	(0.00%)	345	(47.20%)	111	(15.18%)	107	(14.64%)	168	(22.98%)	731	(100.%)
20 to 24	0	(0.00%)	471	(42.47%)	202	(18.21%)	173	(15.60%)	263	(23.72%)	1109	(100.%)
25 to 34	0	(0.00%)	806	(54.64%)	209	(14.17%)	210	(14.24%)	250	(16.95%)	1475	(100.%)
35 to 44	1	(0.09%)	660	(58.20%)	144	(12.70%)	184	(16.23%)	145	(12.79%)	1134	(100.%)
45 to 54	0	(0.00%)	471	(57.37%)	106	(12.91%)	155	(18.88%)	89	(10.84%)	821	(100.%)
55 to 64	1	(0.28%)	220	(61.28%)	31	(8.64%)	71	(19.78%)	36	(10.03%)	359	(100.%)
65 to 74	0	(0.00%)	132	(61.97%)	29	(13.62%)	37	(17.37%)	15	(7.04%)	213	(100.%)
75 to 84	1	(0.69%)	102	(70.83%)	8	(5.56%)	26	(18.06%)	7	(4.86%)	144	(100.%)
85 and older	1	(3.57%)	18	(64.29%)	2	(7.14%)	6	(21.43%)	1	(3.57%)	28	(100.%)
Not stated	0	(0.00%)	32	(41.56%)	10	(12.99%)	15	(19.48%)	20	(25.97%)	77	(100.%)
Total	5	(0.08%)	3447	(52.78%)	900	(13.78%)	1111	(17.01%)	1068	(16.35%)	6531	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

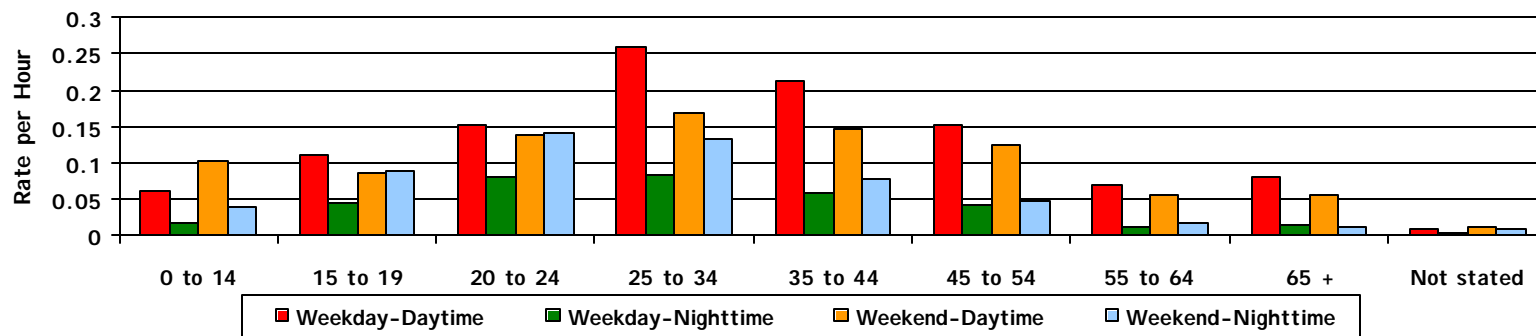
*Numbers in parentheses are row percents.

Figure 2.2
Motor Vehicle Occupant Crash Victims by Time of Week and Age of Victim
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Figure 2.3
Motor Vehicle Occupant Victim Rates Per Hour by Time of Week and Age of Victim
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 2-3
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the City of San Diego Region
by Type of Collision and Severity of Injury
July 1, 2000 to June 30, 2001

Type of Collision	Severity of Injury								Total	
	Killed		Severe Injury		Other Visible Injury		Complaint of Pain			
Not Stated	0	(0.00%)*	0	(0.00%)	0	(0.00%)	1	(100.00%)	1	(100.%)
Head-on	4	(1.04%)	19	(4.96%)	114	(29.77%)	246	(64.23%)	383	(100.%)
Sideswipe	2	(0.34%)	11	(1.84%)	153	(25.63%)	431	(72.19%)	597	(100.%)
Rear-end	8	(0.29%)	23	(0.83%)	440	(15.80%)	2313	(83.08%)	2784	(100.%)
Broadside	16	(0.88%)	28	(1.54%)	446	(24.48%)	1332	(73.11%)	1822	(100.%)
Hit Object	8	(1.00%)	62	(7.74%)	383	(47.82%)	348	(43.45%)	801	(100.%)
Overturned	0	(0.00%)	3	(3.90%)	48	(62.34%)	26	(33.77%)	77	(100.%)
Other	1	(1.52%)	3	(4.55%)	24	(36.36%)	38	(57.58%)	66	(100.%)
Total	39	(0.60%)	149	(2.28%)	1608	(24.62%)	4735	(72.50%)	6531	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the City of San Diego Region
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	25 (31.25%)*	0 (0.00%)	2 (2.50%)	1 (1.25%)	29 (36.25%)	1 (1.25%)	4 (5.00%)	8 (10.00%)	9 (11.25%)	1 (1.25%)	80 (100.%)
5 to 9	122 (68.93%)	18 (10.17%)	3 (1.69%)	3 (1.69%)	2 (1.13%)	0 (0.00%)	0 (0.00%)	3 (1.69%)	19 (10.73%)	7 (3.95%)	177 (100.%)
10 to 14	118 (64.48%)	17 (9.29%)	8 (4.37%)	1 (0.55%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (1.64%)	26 (14.21%)	10 (5.46%)	183 (100.%)
15 to 19	531 (72.64%)	43 (5.88%)	66 (9.03%)	4 (0.55%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	11 (1.50%)	71 (9.71%)	5 (0.68%)	731 (100.%)
20 to 24	816 (73.58%)	50 (4.51%)	127 (11.45%)	5 (0.45%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (0.27%)	104 (9.38%)	4 (0.36%)	1109 (100.%)
25 to 34	1163 (78.85%)	56 (3.80%)	103 (6.98%)	11 (0.75%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (0.41%)	130 (8.81%)	6 (0.41%)	1475 (100.%)
35 to 44	887 (78.22%)	36 (3.17%)	82 (7.23%)	12 (1.06%)	1 (0.09%)	0 (0.00%)	0 (0.00%)	4 (0.35%)	108 (9.52%)	4 (0.35%)	1134 (100.%)
45 to 54	655 (79.78%)	24 (2.92%)	58 (7.06%)	8 (0.97%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (0.24%)	67 (8.16%)	7 (0.85%)	821 (100.%)
55 to 64	276 (76.88%)	5 (1.39%)	31 (8.64%)	6 (1.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (0.84%)	37 (10.31%)	1 (0.28%)	359 (100.%)
65 to 74	171 (80.28%)	6 (2.82%)	16 (7.51%)	3 (1.41%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (1.41%)	12 (5.63%)	2 (0.94%)	213 (100.%)
75 to 84	118 (81.94%)	4 (2.78%)	9 (6.25%)	2 (1.39%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (0.69%)	10 (6.94%)	0 (0.00%)	144 (100.%)
85 and older	24 (85.71%)	2 (7.14%)	1 (3.57%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (3.57%)	0 (0.00%)	28 (100.%)
Not stated	37 (48.05%)	5 (6.49%)	1 (1.30%)	1 (1.30%)	3 (3.90%)	0 (0.00%)	0 (0.00%)	3 (3.90%)	25 (32.47%)	2 (2.60%)	77 (100.%)
Total	4943 (75.69%)	266 (4.07%)	507 (7.76%)	57 (0.87%)	35 (0.54%)	1 (0.02%)	4 (0.06%)	50 (0.77%)	619 (9.48%)	49 (0.75%)	6531 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4A
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Central San Diego Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	5 (29.41%)*	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (41.18%)	0 (0.00%)	0 (0.00%)	3 (17.65%)	2 (11.76%)	0 (0.00%)	17 (100.%)
5 to 9	23 (82.14%)	2 (7.14%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (3.57%)	2 (7.14%)	0 (0.00%)	28 (100.%)
10 to 14	19 (79.17%)	0 (0.00%)	2 (8.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (12.50%)	0 (0.00%)	24 (100.%)
15 to 19	70 (67.96%)	8 (7.77%)	8 (7.77%)	1 (0.97%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (1.94%)	11 (10.68%)	3 (2.91%)	103 (100.%)
20 to 24	172 (75.77%)	12 (5.29%)	20 (8.81%)	1 (0.44%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	21 (9.25%)	1 (0.44%)	227 (100.%)
25 to 34	251 (76.76%)	10 (3.06%)	28 (8.56%)	3 (0.92%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (0.31%)	32 (9.79%)	2 (0.61%)	327 (100.%)
35 to 44	192 (79.34%)	6 (2.48%)	14 (5.79%)	2 (0.83%)	1 (0.41%)	0 (0.00%)	0 (0.00%)	2 (0.83%)	23 (9.50%)	2 (0.83%)	242 (100.%)
45 to 54	139 (81.76%)	5 (2.94%)	4 (2.35%)	3 (1.76%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (0.59%)	15 (8.82%)	3 (1.76%)	170 (100.%)
55 to 64	61 (79.22%)	0 (0.00%)	6 (7.79%)	1 (1.30%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (2.60%)	7 (9.09%)	0 (0.00%)	77 (100.%)
65 to 74	41 (85.42%)	0 (0.00%)	2 (4.17%)	1 (2.08%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (6.25%)	1 (2.08%)	48 (100.%)
75 to 84	23 (85.19%)	1 (3.70%)	0 (0.00%)	1 (3.70%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (7.41%)	0 (0.00%)	27 (100.%)
85 and older	7 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (100.%)
Not stated	7 (38.89%)	3 (16.67%)	0 (0.00%)	0 (0.00%)	1 (5.56%)	0 (0.00%)	0 (0.00%)	2 (11.11%)	3 (16.67%)	2 (11.11%)	18 (100.%)
Total	1010 (76.81%)	47 (3.57%)	84 (6.39%)	13 (0.99%)	9 (0.68%)	0 (0.00%)	0 (0.00%)	14 (1.06%)	124 (9.43%)	14 (1.06%)	1315 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4B
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Southeast San Diego Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	8 (44.44%)*	0 (0.00%)	0 (0.00%)	0 (0.00%)	5 (27.78%)	0 (0.00%)	1 (5.56%)	2 (11.11%)	1 (5.56%)	1 (5.56%)	18 (100.%)
5 to 9	22 (59.46%)	7 (18.92%)	1 (2.70%)	1 (2.70%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	5 (13.51%)	1 (2.70%)	37 (100.%)
10 to 14	26 (63.41%)	6 (14.63%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	9 (21.95%)	0 (0.00%)	41 (100.%)
15 to 19	68 (64.76%)	9 (8.57%)	10 (9.52%)	3 (2.86%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (2.86%)	11 (10.48%)	1 (0.95%)	105 (100.%)
20 to 24	57 (60.64%)	10 (10.64%)	12 (12.77%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	15 (15.96%)	0 (0.00%)	94 (100.%)
25 to 34	93 (70.99%)	5 (3.82%)	9 (6.87%)	1 (0.76%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	22 (16.79%)	1 (0.76%)	131 (100.%)
35 to 44	75 (73.53%)	1 (0.98%)	7 (6.86%)	2 (1.96%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	16 (15.69%)	1 (0.98%)	102 (100.%)
45 to 54	56 (75.68%)	3 (4.05%)	5 (6.76%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	10 (13.51%)	0 (0.00%)	74 (100.%)
55 to 64	22 (66.67%)	0 (0.00%)	2 (6.06%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	9 (27.27%)	0 (0.00%)	33 (100.%)
65 to 74	13 (65.00%)	1 (5.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (5.00%)	4 (20.00%)	0 (0.00%)	20 (100.%)
75 to 84	7 (50.00%)	1 (7.14%)	2 (14.29%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (28.57%)	0 (0.00%)	14 (100.%)
85 and older	0 (0.00%)	1 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
Not stated	1 (25.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)	4 (100.%)
Total	448 (66.47%)	45 (6.68%)	49 (7.27%)	7 (1.04%)	5 (0.74%)	0 (0.00%)	1 (0.15%)	6 (0.89%)	108 (16.02%)	5 (0.74%)	674 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4C
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Mid City Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	5	0	0	0	3	0	2	2	2	0	14
	(35.71%)*	(0.00%)	(0.00%)	(0.00%)	(21.43%)	(0.00%)	(14.29%)	(14.29%)	(14.29%)	(0.00%)	(100.%)
5 to 9	27	3	1	2	1	0	0	0	2	4	40
	(67.50%)	(7.50%)	(2.50%)	(5.00%)	(2.50%)	(0.00%)	(0.00%)	(0.00%)	(5.00%)	(10.00%)	(100.%)
10 to 14	19	4	3	0	0	0	0	3	2	8	39
	(48.72%)	(10.26%)	(7.69%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(7.69%)	(5.13%)	(20.51%)	(100.%)
15 to 19	77	9	5	0	0	0	0	2	14	0	107
	(71.96%)	(8.41%)	(4.67%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(1.87%)	(13.08%)	(0.00%)	(100.%)
20 to 24	121	8	18	0	0	0	0	2	22	0	171
	(70.76%)	(4.68%)	(10.53%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(1.17%)	(12.87%)	(0.00%)	(100.%)
25 to 34	178	9	10	0	0	0	0	2	20	0	219
	(81.28%)	(4.11%)	(4.57%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.91%)	(9.13%)	(0.00%)	(100.%)
35 to 44	161	9	13	0	0	0	0	0	19	0	202
	(79.70%)	(4.46%)	(6.44%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(9.41%)	(0.00%)	(100.%)
45 to 54	100	6	6	1	0	0	0	1	9	1	124
	(80.65%)	(4.84%)	(4.84%)	(0.81%)	(0.00%)	(0.00%)	(0.00%)	(0.81%)	(7.26%)	(0.81%)	(100.%)
55 to 64	33	0	2	1	0	0	0	0	5	0	41
	(80.49%)	(0.00%)	(4.88%)	(2.44%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(12.20%)	(0.00%)	(100.%)
65 to 74	24	1	1	0	0	0	0	1	1	0	28
	(85.71%)	(3.57%)	(3.57%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(3.57%)	(3.57%)	(0.00%)	(100.%)
75 to 84	6	0	0	0	0	0	0	0	2	0	8
	(75.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(25.00%)	(0.00%)	(100.%)
85 and older	3	0	0	0	0	0	0	0	0	0	3
	(100.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(100.%)
Not stated	7	0	0	0	0	0	0	0	9	0	16
	(43.75%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(56.25%)	(0.00%)	(100.%)
Total	761	49	59	4	4	0	2	13	107	13	1012
	(75.20%)	(4.84%)	(5.83%)	(0.40%)	(0.40%)	(0.00%)	(0.20%)	(1.28%)	(10.57%)	(1.28%)	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4D
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Kearny Mesa Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	2 (16.67%)*	0 (0.00%)	1 (8.33%)	0 (0.00%)	6 (50.00%)	1 (8.33%)	1 (8.33%)	1 (8.33%)	0 (0.00%)	0 (0.00%)	12 (100.%)
5 to 9	24 (85.71%)	1 (3.57%)	1 (3.57%)	0 (0.00%)	1 (3.57%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (3.57%)	0 (0.00%)	28 (100.%)
10 to 14	23 (79.31%)	0 (0.00%)	2 (6.90%)	1 (3.45%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (6.90%)	1 (3.45%)	29 (100.%)
15 to 19	121 (78.57%)	7 (4.55%)	13 (8.44%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (2.60%)	9 (5.84%)	0 (0.00%)	154 (100.%)
20 to 24	183 (75.00%)	5 (2.05%)	33 (13.52%)	3 (1.23%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	19 (7.79%)	1 (0.41%)	244 (100.%)
25 to 34	242 (79.08%)	14 (4.58%)	25 (8.17%)	3 (0.98%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (0.98%)	16 (5.23%)	3 (0.98%)	306 (100.%)
35 to 44	189 (77.78%)	9 (3.70%)	20 (8.23%)	4 (1.65%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	20 (8.23%)	1 (0.41%)	243 (100.%)
45 to 54	138 (79.31%)	3 (1.72%)	16 (9.20%)	3 (1.72%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	13 (7.47%)	1 (0.57%)	174 (100.%)
55 to 64	66 (75.00%)	3 (3.41%)	11 (12.50%)	2 (2.27%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (1.14%)	4 (4.55%)	1 (1.14%)	88 (100.%)
65 to 74	45 (84.91%)	3 (5.66%)	2 (3.77%)	1 (1.89%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (1.89%)	0 (0.00%)	1 (1.89%)	53 (100.%)
75 to 84	41 (87.23%)	2 (4.26%)	3 (6.38%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (2.13%)	0 (0.00%)	0 (0.00%)	47 (100.%)
85 and older	4 (66.67%)	1 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	0 (0.00%)	6 (100.%)
Not stated	7 (43.75%)	0 (0.00%)	0 (0.00%)	1 (6.25%)	1 (6.25%)	0 (0.00%)	0 (0.00%)	1 (6.25%)	6 (37.50%)	0 (0.00%)	16 (100.%)
Total	1085 (77.50%)	48 (3.43%)	127 (9.07%)	18 (1.29%)	8 (0.57%)	1 (0.07%)	1 (0.07%)	12 (0.86%)	91 (6.50%)	9 (0.64%)	1400 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4E
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Coastal Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	0 (0.00%)*	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (50.00%)	0 (0.00%)	2 (100.%)
5 to 9	4 (36.36%)	1 (9.09%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (54.55%)	0 (0.00%)	11 (100.%)
10 to 14	9 (52.94%)	1 (5.88%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (41.18%)	0 (0.00%)	17 (100.%)
15 to 19	46 (76.67%)	3 (5.00%)	3 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (11.67%)	1 (1.67%)	60 (100.%)
20 to 24	98 (70.50%)	9 (6.47%)	15 (10.79%)	1 (0.72%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (0.72%)	15 (10.79%)	0 (0.00%)	139 (100.%)
25 to 34	121 (79.61%)	2 (1.32%)	9 (5.92%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	20 (13.16%)	0 (0.00%)	152 (100.%)
35 to 44	57 (81.43%)	0 (0.00%)	4 (5.71%)	1 (1.43%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	8 (11.43%)	0 (0.00%)	70 (100.%)
45 to 54	39 (90.70%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (9.30%)	0 (0.00%)	43 (100.%)
55 to 64	19 (76.00%)	1 (4.00%)	2 (8.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (12.00%)	0 (0.00%)	25 (100.%)
65 to 74	16 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	16 (100.%)
75 to 84	10 (83.33%)	0 (0.00%)	2 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	12 (100.%)
85 and older	1 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
Not stated	3 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (50.00%)	0 (0.00%)	6 (100.%)
Total	423 (76.35%)	17 (3.07%)	35 (6.32%)	2 (0.36%)	1 (0.18%)	0 (0.00%)	0 (0.00%)	1 (0.18%)	74 (13.36%)	1 (0.18%)	554 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4F
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the University Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	0 (0.00%)*	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (66.67%)	0 (0.00%)	3 (100.%)
5 to 9	2 (66.67%)	1 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
10 to 14	1 (25.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)	4 (100.%)
15 to 19	26 (70.27%)	1 (2.70%)	7 (18.92%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (8.11%)	0 (0.00%)	37 (100.%)
20 to 24	37 (74.00%)	3 (6.00%)	6 (12.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (8.00%)	0 (0.00%)	50 (100.%)
25 to 34	75 (86.21%)	0 (0.00%)	7 (8.05%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	5 (5.75%)	0 (0.00%)	87 (100.%)
35 to 44	37 (75.51%)	1 (2.04%)	6 (12.24%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (2.04%)	4 (8.16%)	0 (0.00%)	49 (100.%)
45 to 54	41 (78.85%)	1 (1.92%)	4 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (11.54%)	0 (0.00%)	52 (100.%)
55 to 64	20 (86.96%)	1 (4.35%)	1 (4.35%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (4.35%)	0 (0.00%)	23 (100.%)
65 to 74	7 (77.78%)	0 (0.00%)	1 (11.11%)	1 (11.11%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	9 (100.%)
75 to 84	11 (84.62%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	13 (100.%)
85 and older	3 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
Not stated	2 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	4 (100.%)
Total	262 (77.74%)	9 (2.67%)	33 (9.79%)	1 (0.30%)	2 (0.59%)	0 (0.00%)	0 (0.00%)	1 (0.30%)	29 (8.61%)	0 (0.00%)	337 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4G
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Del Mar-Mira Mesa Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	1 (25.00%)*	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	4 (100.%)
5 to 9	9 (69.23%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	2 (15.38%)	13 (100.%)
10 to 14	9 (69.23%)	1 (7.69%)	1 (7.69%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	1 (7.69%)	13 (100.%)
15 to 19	79 (72.48%)	3 (2.75%)	14 (12.84%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	13 (11.93%)	0 (0.00%)	109 (100.%)
20 to 24	75 (80.65%)	2 (2.15%)	10 (10.75%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (6.45%)	0 (0.00%)	93 (100.%)
25 to 34	120 (77.92%)	8 (5.19%)	8 (5.19%)	4 (2.60%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	14 (9.09%)	0 (0.00%)	154 (100.%)
35 to 44	91 (76.47%)	5 (4.20%)	7 (5.88%)	3 (2.52%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (0.84%)	12 (10.08%)	0 (0.00%)	119 (100.%)
45 to 54	88 (73.95%)	3 (2.52%)	18 (15.13%)	1 (0.84%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	8 (6.72%)	1 (0.84%)	119 (100.%)
55 to 64	35 (71.43%)	0 (0.00%)	6 (12.24%)	1 (2.04%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (14.29%)	0 (0.00%)	49 (100.%)
65 to 74	14 (73.68%)	1 (5.26%)	1 (5.26%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (15.79%)	0 (0.00%)	19 (100.%)
75 to 84	5 (71.43%)	0 (0.00%)	1 (14.29%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (100.%)
85 and older	3 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
Not stated	6 (66.67%)	1 (11.11%)	1 (11.11%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (11.11%)	0 (0.00%)	9 (100.%)
Total	535 (75.25%)	25 (3.52%)	67 (9.42%)	10 (1.41%)	2 (0.28%)	0 (0.00%)	0 (0.00%)	1 (0.14%)	67 (9.42%)	4 (0.56%)	711 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4H
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Miramar Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	1 (25.00%)*	0 (0.00%)	0 (0.00%)	1 (25.00%)	2 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (100.%)
5 to 9	4 (50.00%)	1 (12.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (12.50%)	2 (25.00%)	0 (0.00%)	8 (100.%)
10 to 14	2 (66.67%)	1 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
15 to 19	12 (92.31%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	13 (100.%)
20 to 24	26 (81.25%)	0 (0.00%)	4 (12.50%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (3.13%)	1 (3.13%)	32 (100.%)
25 to 34	31 (86.11%)	3 (8.33%)	1 (2.78%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (2.78%)	0 (0.00%)	36 (100.%)
35 to 44	31 (72.09%)	3 (6.98%)	7 (16.28%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (4.65%)	0 (0.00%)	43 (100.%)
45 to 54	14 (73.68%)	1 (5.26%)	3 (15.79%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (5.26%)	19 (100.%)
55 to 64	3 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
65 to 74	1 (14.29%)	0 (0.00%)	6 (85.71%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (100.%)
75 to 84	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
85 and older	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
Not stated	1 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
Total	126 (74.56%)	9 (5.33%)	21 (12.43%)	1 (0.59%)	2 (1.18%)	0 (0.00%)	0 (0.00%)	1 (0.59%)	7 (4.14%)	2 (1.18%)	169 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4I
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the Elliott-Navajo Subregional Area
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint - Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	3 (50.00%)*	0 (0.00%)	1 (16.67%)	0 (0.00%)	2 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	6 (100.%)
5 to 9	7 (77.78%)	1 (11.11%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (11.11%)	0 (0.00%)	0 (0.00%)	9 (100.%)
10 to 14	10 (76.92%)	3 (23.08%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	13 (100.%)
15 to 19	32 (74.42%)	3 (6.98%)	6 (13.95%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (4.65%)	0 (0.00%)	43 (100.%)
20 to 24	46 (79.31%)	1 (1.72%)	9 (15.52%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (1.72%)	1 (1.72%)	58 (100.%)
25 to 34	52 (82.54%)	5 (7.94%)	6 (9.52%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	63 (100.%)
35 to 44	54 (85.71%)	2 (3.17%)	4 (6.35%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (4.76%)	0 (0.00%)	63 (100.%)
45 to 54	40 (86.96%)	2 (4.35%)	2 (4.35%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (4.35%)	0 (0.00%)	46 (100.%)
55 to 64	17 (85.00%)	0 (0.00%)	1 (5.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (5.00%)	0 (0.00%)	20 (100.%)
65 to 74	10 (76.92%)	0 (0.00%)	2 (15.38%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (7.69%)	0 (0.00%)	13 (100.%)
75 to 84	15 (93.75%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (6.25%)	0 (0.00%)	16 (100.%)
85 and older	3 (75.00%)	0 (0.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (100.%)
Not stated	3 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
Total	292 (81.79%)	17 (4.76%)	32 (8.96%)	1 (0.28%)	2 (0.56%)	0 (0.00%)	0 (0.00%)	1 (0.28%)	11 (3.08%)	1 (0.28%)	357 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

3: MOTOR VEHICLE OCCUPANT CRASHES

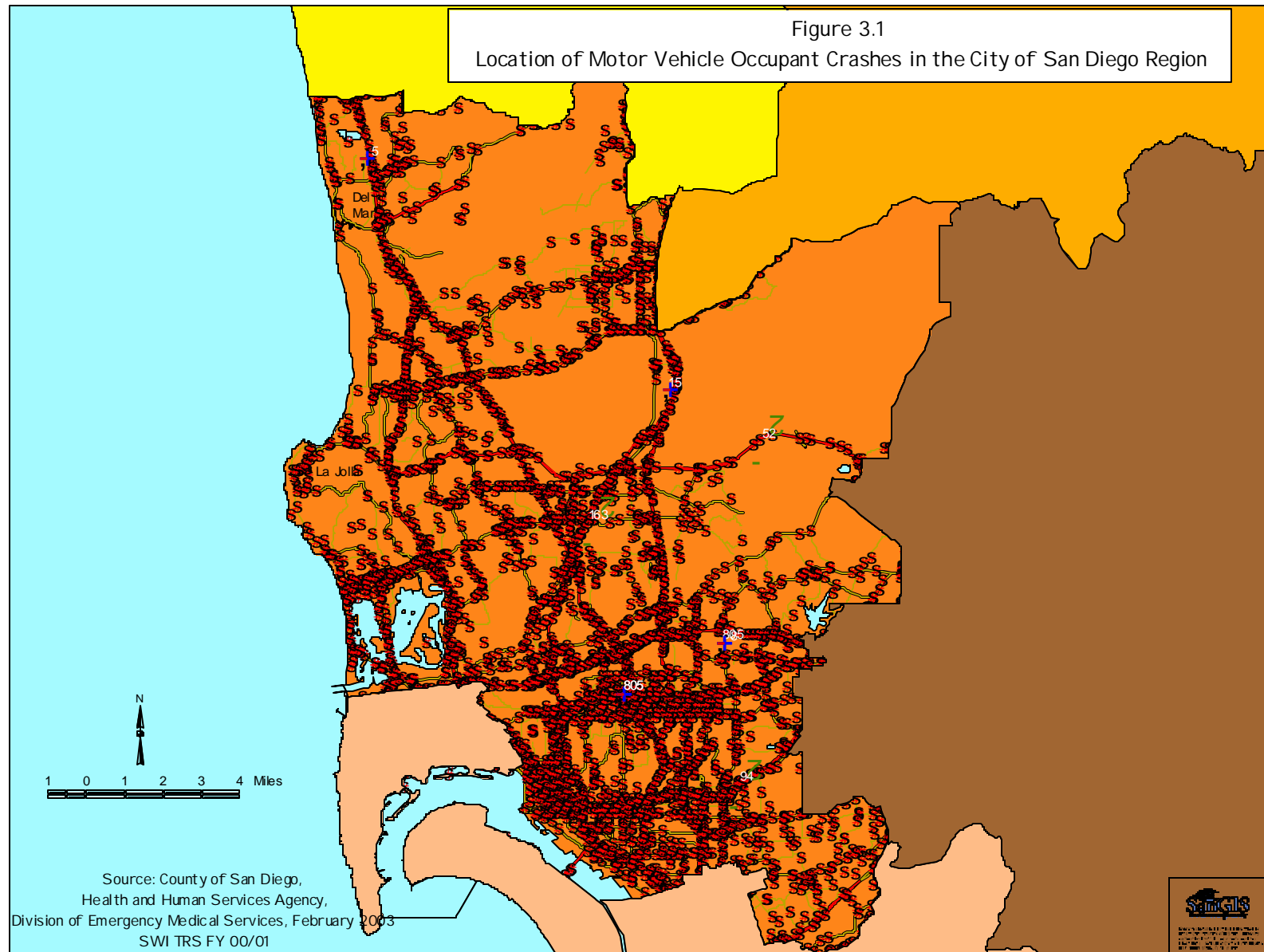


Table 3-1
Leading Violation Categories in Motor Vehicle Occupant Crashes by Age of Party at Fault
City of San Diego Region

Age of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
0-4	*						1
5-9							0
10-14	Improper Turning 2	*					3
15-19	Unsafe Speed 168	Improper Turning 64	Automobile Right-of-Way 47	Traffic Signals & Signs 43	DUI Alcohol/Drugs 23	Following Too Closely 22	400
20-24	Unsafe Speed 215	Improper Turning 124	DUI Alcohol/Drugs 99	Automobile Right-of-Way 73	Traffic Signals & Signs 57	Following Too Closely 26	641
25-34	Unsafe Speed 304	Improper Turning 115	DUI Alcohol/Drugs 106	Automobile Right-of-Way 94	Traffic Signals & Signs 84	Following Too Closely 35	825
35-44	Unsafe Speed 227	Improper Turning 86	Automobile Right-of-Way 74	DUI Alcohol/Drugs 66	Traffic Signals & Signs 48	Following Too Closely 29	589
45-54	Unsafe Speed 125	Improper Turning 68	Automobile Right-of-Way 49	DUI Alcohol/Drugs 34	Traffic Signals & Signs 24	Following Too Closely 14	348
55-64	Unsafe Speed 63	Automobile Right-of-Way 29	Improper Turning 26	Traffic Signals & Signs 22	Following Too Closely 11	Unsafe Lane Change 9	174
65-74	Unsafe Speed 27	Automobile Right-of-Way 17	Traffic Signals & Signs 16	Improper Turning 15	DUI Alcohol/Drugs 7	**	95
75-84	Unsafe Speed 29	Automobile Right-of-Way 18	Improper Turning 12	Traffic Signals & Signs 8	Following Too Closely 4	*	76
85+	Unsafe Speed 8	Improper Turning 5†	Automobile Right-of-Way 5†	*			20
All Crashes	Unsafe Speed 1368	Improper Turning 627	Automobile Right-of-Way 546	Traffic Signals & Signs 413	DUI Alcohol/Drugs 386	Following Too Closely 203	4124

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWTRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Table 3-1A
Leading Violation Categories in Motor Vehicle Occupant Injury Crashes
in the City of San Diego Region
by Age of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
10 to 14	**	*	*	**	**	**	**	**	**
# PAF 10-14	0	2	1	0	0	0	0	0	0
15 to 19	Unsafe Speed (28)	Unsafe Speed (19)	Unsafe Speed (27)	Unsafe Speed (33)	Unsafe Speed (13)	Unsafe Speed (6)	Unsafe Speed (28)	Unsafe Speed (6)	Unsafe Speed (8)
	Signals/Signs (12)	Auto ROW† (7)	Impr Turn (10)	Impr Turn (14)	Auto ROW† (6)	Impr Turn (5)	Signals/Signs (10)	*	Impr Turn (7)
	Impr Turn (10)	Impr Turn (6)	Following Too Closely (6)	Auto ROW† (12)	Impr Turn (4)	Tie: DUI & Signals/Signs (3)	Tie: Impr Turn & Auto ROW† (7)		DUI (5)
# PAF 15-19	64	51	57	83	28	17	63	8	29
20 to 24	Unsafe Speed (32)	Impr Turn (16)	Unsafe Speed (34)	Unsafe Speed (61)	Unsafe Speed (18)	Unsafe Speed (10)	Unsafe Speed (27)	Unsafe Speed (10)	Unsafe Speed (10)
	Signals/Signs (30)	Unsafe Speed (13)	Impr Turn (26)	Impr Turn (30)	DUI (10)	Impr Turn (7)	Impr Turn (10)	Impr Turn (7)	Tie: Impr Turn & DUI (5)
	DUI (22)	DUI (10)	DUI (15)	DUI (23)	Auto ROW† (9)	Tie: DUI & Signals/Signs (5)	Auto ROW† (7)	DUI (3)	
# PAF 20-24	138	57	106	147	53	35	56	21	28
25 to 34	Unsafe Speed (45)	Unsafe Speed (18)	Unsafe Speed (39)	Unsafe Speed (93)	Unsafe Speed (28)	Unsafe Speed (15)	Unsafe Speed (35)	Unsafe Speed (16)	Unsafe Speed (15)
	Signals/Signs (32)	Impr Turn (13)	DUI (19)	DUI (29)	Tie: Auto ROW† & DUI (13)	Tie: Impr Turn & DUI (7)	Auto ROW† (17)	Impr Turn (4)	Impr Turn (8)
	Impr Turn (27)	Signals/Signs (9)	Impr Turn (18)	Impr Turn (23)			Impr Turn (11)	DUI (3)	Signals/Signs (6)
# PAF 25-34	168	70	119	199	70	43	89	26	41
35 to 44	Unsafe Speed (37)	Unsafe Speed (12)	Unsafe Speed (31)	Unsafe Speed (60)	Unsafe Speed (16)	Unsafe Speed (14)	Unsafe Speed (26)	Unsafe Speed (14)	Unsafe Speed (17)
	Auto ROW† (21)	Auto ROW† (9)	Auto ROW† (14)	Impr Turn (23)	Impr Turn (6)	DUI (5)	DUI (11)	Impr Turn (6)	Impr Turn (6)
	Tie: DUI & Impr Turn (18)	DUI (8)	Impr Turn (12)	Auto ROW† (15)	Tie: DUI & Following Too Closely (4)	Impr Turn (3)	Impr Turn (7)	Unsafe Lane Change (3)	Tie: Auto ROW† & Signals/Signs (4)
# PAF 35-44	130	48	83	133	39	29	64	27	36
45 to 54	Unsafe Speed (19)	Impr Turn (9)	Unsafe Speed (19)	Unsafe Speed (30)	Unsafe Speed (7)	Impr Turn (5)	Unsafe Speed (25)	Unsafe Speed (6)	Unsafe Speed (9)
	Auto ROW† (18)	Tie: Unsafe Speed & DUI (6)	Impr Turn (7)	Impr Turn (13)	DUI (4)	Unsafe Speed (4)	Impr Turn (10)	*	Impr Turn (6)
	Impr Turn (14)		Auto ROW† (6)	Auto ROW† (9)	Tie: Impr Turn & Signals/Signs (3)	Tie: DUI & Auto ROW† (3)	Auto ROW† (7)		Tie: DUI & Auto ROW† (2)
# PAF 45-54	75	32	42	67	21	22	58	7	24

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Table 3-1A (Continued)
Leading Violation Categories in Motor Vehicle Occupant Injury Crashes
in the City of San Diego Region
by Age of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
55 to 64	Unsafe Speed (12)	Tie: Unsafe Speed & Impr Turn (4)	Unsafe Speed (10)	Unsafe Speed (18)	Unsafe Speed (4)	Tie: Unsafe Speed & Unsafe Lane Change (2)	Unsafe Speed (6)	Unsafe Speed (6)	Impr Turn (3)
	Auto ROW† (8)		Auto ROW† (6)	Auto ROW† (7)	Following Too Closely (3)		Tie: Auto ROW† & Signals/Signs (3)	*	*
	Signals/Signs (7)		Impr Turn (5)	Signals/Signs (6)	Tie: Auto ROW† & Signals/Signs (2)				
# PAF 55-64	40	13	26	45	14	7	16	7	6
65 to 74	Auto ROW† (7)	Signals/Signs (4)	Unsafe Speed (3)	Auto ROW† (5)	Tie: Unsafe Speed & Impr Turn (3)	Unsafe Speed (4)	Unsafe Speed (6)	*	Tie: DUI & Signals/Signs (2)
	Unsafe Speed (6)	Auto ROW† (2)	Auto ROW† (2)	Tie: Unsafe Speed & Signals/Signs (4)		Impr Turn (2)	Impr Turn (2)		
	Impr Turn (4)	*	*			*	*		
# PAF 65-74	23	11	7	20	7	8	11	1	7
75 to 84	Unsafe Speed (4)	3-Way Tie: Unsafe Speed, Impr Turn & Auto ROW† (2)	Auto ROW† (3)	Unsafe Speed (9)	Auto ROW† (4)	Unsafe Speed (3)	*	**	Tie: Unsafe Speed & Impr Turn (4)
	Impr Turn (2)		Unsafe Speed (2)	Auto ROW† (7)	Unsafe Speed (3)				
	*			Signals/Signs (4)	*				
# PAF 75-84	9	9	5	25	10	3	4	0	10
85 and older	Auto ROW† (4)	*	Unsafe Speed (2)	Unsafe Speed (2)	*	*	*	*	*
	Impr Turn (2)		*						
	*								
# PAF 85 +	7	2	4	2	1	1	1	1	1
Fault Not Assigned (FNA)	Signals/Signs (28)	Tie: Unsafe Speed & Impr Turn (12)	Auto ROW† (30)	Auto ROW† (25)	Unsafe Speed (22)	Unsafe Speed (11)	Unsafe Speed (22)	Tie: Other Than Driver & Signals/Signs (2)	Unsafe Speed (6)
	Impr Turn (22)		Unsafe Speed (19)	Unsafe Speed (24)	Auto ROW† (15)	Auto ROW† (5)			Signals/Signs (5)
	Unsafe Speed (13)	Auto ROW† (9)	Impr Turn (18)	Tie: Impr Turn & Signals/Signs (13)	Signals/Signs (10)	Following Too Closely (4)	Tie: Impr Turn & Signals/Signs (13)	*	Tie : Auto ROW† & Other Than Driver (4)
# FNA	147	75	146	129	82	37	83	6	37

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Table 3-1A (Continued)
Leading Violation Categories in Motor Vehicle Occupant Injury Crashes
in the City of San Diego Region
by Age of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
All MVO Crashes***	Unsafe Speed (212)	Unsafe Speed (97)	Unsafe Speed (202)	Unsafe Speed (341)	Unsafe Speed (126)	Unsafe Speed (74)	Unsafe Speed (184)	Unsafe Speed (60)	Unsafe Speed (71)
	Signals/Signs (141)	Impr Turn (75)	Impr Turn (102)	Impr Turn (127)	Auto ROW† (54)	Impr Turn (33)	Impr Turn (63)	Impr Turn (20)	Impr Turn (42)
	Impr Turn (128)	Auto ROW† (53)	Auto ROW† (95)	Auto ROW† (123)	DUI (41)	DUI (23)	Auto ROW† (57)	Unsafe Lane Change (8)	Tie: DUI & Signals/Signs (23)
# MVO Crashes***	858****	400	638	876	352	211	457	106	224

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

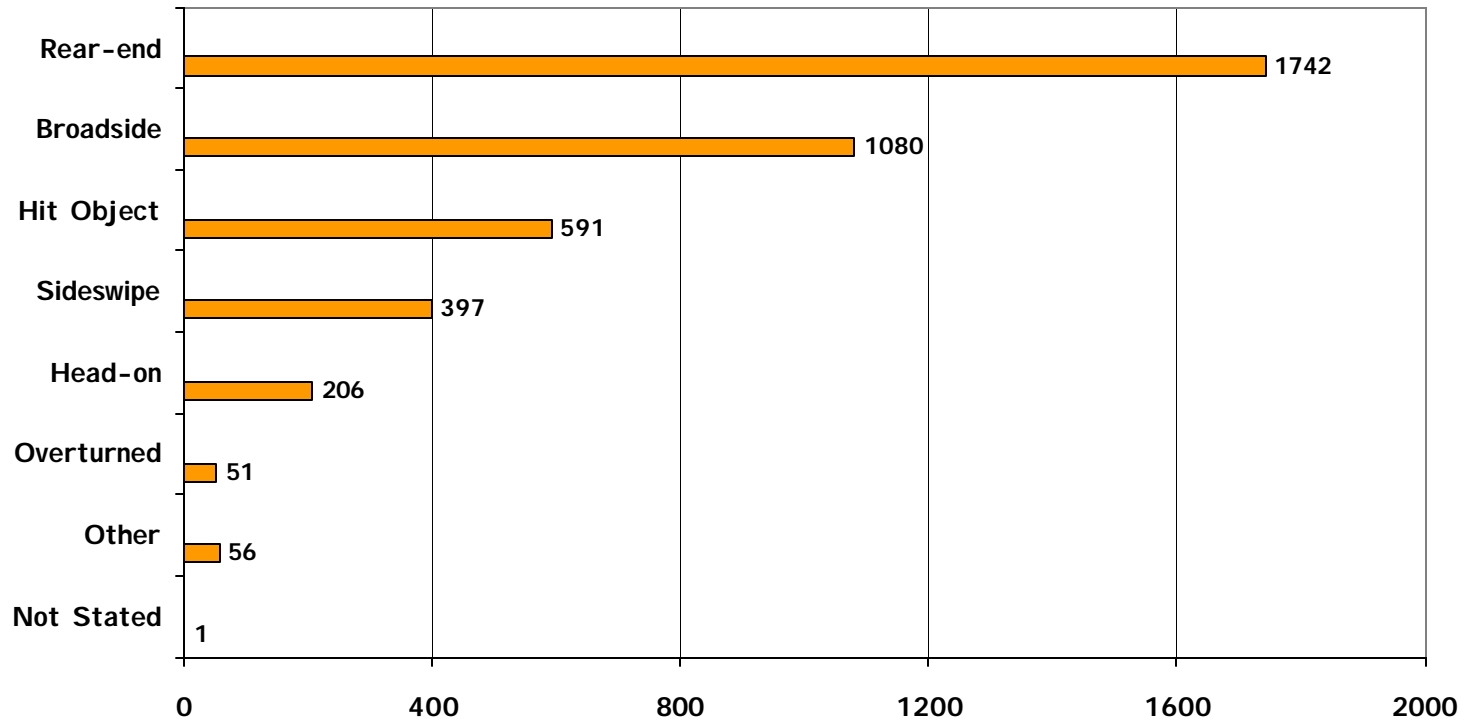
** There were no crashes for this age group.

*** Includes all motor vehicle occupant crashes - all ages of parties at fault, age of party at fault unknown, and fault not assigned.

**** In Central San Diego one party-at-fault was reported in age group 0-4.

† Right-of-Way

Figure 3.2
Motor Vehicle Occupant Crashes by Type of Collision
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

Table 3-2
Number of Motor Vehicle Occupant Crashes in the City of San Diego Region
by Age of Party at Fault and Collision Type
July 1, 2000 to June 30, 2001

Age of Party at Fault	Collision Type								Total
	Not Stated	Head-on	Sideswipe	Rear-end	Broadside	Hit Object	Overtaken	Other	
Not Stated	1 (0.48%)*	10 (4.78%)	32 (15.31%)	98 (46.89%)	44 (21.05%)	16 (7.66%)	3 (1.44%)	5 (2.39%)	209 (100.%)
0 to 4	0 (0.00%)	0 (0.00%)	1 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
10 to 14	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
15 to 19	0 (0.00%)	11 (2.75%)	31 (7.75%)	172 (43.00%)	104 (26.00%)	74 (18.50%)	5 (1.25%)	3 (0.75%)	400 (100.%)
20 to 24	0 (0.00%)	28 (4.37%)	62 (9.67%)	229 (35.73%)	160 (24.96%)	144 (22.46%)	12 (1.87%)	6 (0.94%)	641 (100.%)
25 to 34	0 (0.00%)	50 (6.06%)	78 (9.45%)	353 (42.79%)	198 (24.00%)	121 (14.67%)	14 (1.70%)	11 (1.33%)	825 (100.%)
35 to 44	0 (0.00%)	39 (6.62%)	55 (9.34%)	270 (45.84%)	133 (22.58%)	77 (13.07%)	9 (1.53%)	6 (1.02%)	589 (100.%)
45 to 54	0 (0.00%)	11 (3.16%)	36 (10.34%)	163 (46.84%)	82 (23.56%)	54 (15.52%)	1 (0.29%)	1 (0.29%)	348 (100.%)
55 to 64	0 (0.00%)	9 (5.17%)	10 (5.75%)	84 (48.28%)	51 (29.31%)	16 (9.20%)	2 (1.15%)	2 (1.15%)	174 (100.%)
65 to 74	0 (0.00%)	5 (5.26%)	7 (7.37%)	39 (41.05%)	39 (41.05%)	5 (5.26%)	0 (0.00%)	0 (0.00%)	95 (100.%)
75 to 84	0 (0.00%)	3 (3.95%)	3 (3.95%)	36 (47.37%)	25 (32.89%)	9 (11.84%)	0 (0.00%)	0 (0.00%)	76 (100.%)
85 and older	0 (0.00%)	2 (10.00%)	0 (0.00%)	7 (35.00%)	7 (35.00%)	4 (20.00%)	0 (0.00%)	0 (0.00%)	20 (100.%)
Fault Not Assigned	0 (0.00%)	38 (5.11%)	82 (11.04%)	291 (39.17%)	237 (31.90%)	68 (9.15%)	5 (0.67%)	22 (2.96%)	743 (100.%)
Total	1 (0.02%)	206 (5.00%)	397 (9.63%)	1742 (42.24%)	1080 (26.19%)	591 (14.33%)	51 (1.24%)	56 (1.36%)	4124 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 3-3
Number of Motor Vehicle Occupant Crashes in the City of San Diego Region
by Age of Party at Fault and First Weather Condition
July 1, 2000 to June 30, 2001

Age of Party at Fault	First Weather Condition						Total
	Not Stated	Clear	Cloudy	Raining	Fog	Other	
Not Stated	0 (0.00%)*	156 (74.64%)	44 (21.05%)	8 (3.83%)	0 (0.00%)	1 (0.48%)	209 (100.%)
0 to 4	0 (0.00%)	1 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
10 to 14	0 (0.00%)	3 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.%)
15 to 19	1 (0.25%)	299 (74.75%)	78 (19.50%)	19 (4.75%)	1 (0.25%)	2 (0.50%)	400 (100.%)
20 to 24	0 (0.00%)	464 (72.39%)	130 (20.28%)	41 (6.40%)	2 (0.31%)	4 (0.62%)	641 (100.%)
25 to 34	0 (0.00%)	553 (67.03%)	207 (25.09%)	60 (7.27%)	4 (0.48%)	1 (0.12%)	825 (100.%)
35 to 44	2 (0.34%)	405 (68.76%)	134 (22.75%)	43 (7.30%)	1 (0.17%)	4 (0.68%)	589 (100.%)
45 to 54	1 (0.29%)	250 (71.84%)	67 (19.25%)	29 (8.33%)	1 (0.29%)	0 (0.00%)	348 (100.%)
55 to 64	0 (0.00%)	128 (73.56%)	34 (19.54%)	11 (6.32%)	0 (0.00%)	1 (0.57%)	174 (100.%)
65 to 74	0 (0.00%)	68 (71.58%)	23 (24.21%)	2 (2.11%)	0 (0.00%)	2 (2.11%)	95 (100.%)
75 to 84	0 (0.00%)	65 (85.53%)	10 (13.16%)	1 (1.32%)	0 (0.00%)	0 (0.00%)	76 (100.%)
85 and older	0 (0.00%)	15 (75.00%)	4 (20.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	20 (100.%)
Fault Not Assigned	11 (1.48%)	570 (76.72%)	126 (16.96%)	28 (3.77%)	3 (0.40%)	5 (0.67%)	743 (100.%)
Total	15 (0.36%)	2977 (72.19%)	857 (20.78%)	243 (5.89%)	12 (0.29%)	20 (0.48%)	4124 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 3-4
Number of Motor Vehicle Occupant Crashes in the City of San Diego Region
by Age of Party at Fault and Time of Week
July 1, 2000 to June 30, 2001

Age of Party at Fault	Time of Week										Total	
	Not Stated		Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
Not Stated	0	(0.00%)*	78	(37.32%)	39	(18.66%)	39	(18.66%)	53	(25.36%)	209	(100.%)
0 to 4	0	(0.00%)	1	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	1	(100.%)
10 to 14	0	(0.00%)	1	(33.33%)	1	(33.33%)	1	(33.33%)	0	(0.00%)	3	(100.%)
15 to 19	0	(0.00%)	220	(55.00%)	53	(13.25%)	50	(12.50%)	77	(19.25%)	400	(100.%)
20 to 24	0	(0.00%)	304	(47.43%)	102	(15.91%)	100	(15.60%)	135	(21.06%)	641	(100.%)
25 to 34	0	(0.00%)	434	(52.61%)	135	(16.36%)	116	(14.06%)	140	(16.97%)	825	(100.%)
35 to 44	2	(0.34%)	346	(58.74%)	67	(11.38%)	90	(15.28%)	84	(14.26%)	589	(100.%)
45 to 54	0	(0.00%)	215	(61.78%)	50	(14.37%)	44	(12.64%)	39	(11.21%)	348	(100.%)
55 to 64	0	(0.00%)	124	(71.26%)	14	(8.05%)	25	(14.37%)	11	(6.32%)	174	(100.%)
65 to 74	0	(0.00%)	60	(63.16%)	16	(16.84%)	12	(12.63%)	7	(7.37%)	95	(100.%)
75 to 84	0	(0.00%)	56	(73.68%)	2	(2.63%)	13	(17.11%)	5	(6.58%)	76	(100.%)
85 and older	0	(0.00%)	14	(70.00%)	2	(10.00%)	3	(15.00%)	1	(5.00%)	20	(100.%)
Fault Not Assigned	1	(0.13%)	436	(58.68%)	107	(14.40%)	109	(14.67%)	90	(12.11%)	743	(100.%)
Total	3	(0.07%)	2289	(55.50%)	588	(14.26%)	602	(14.60%)	642	(15.57%)	4124	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

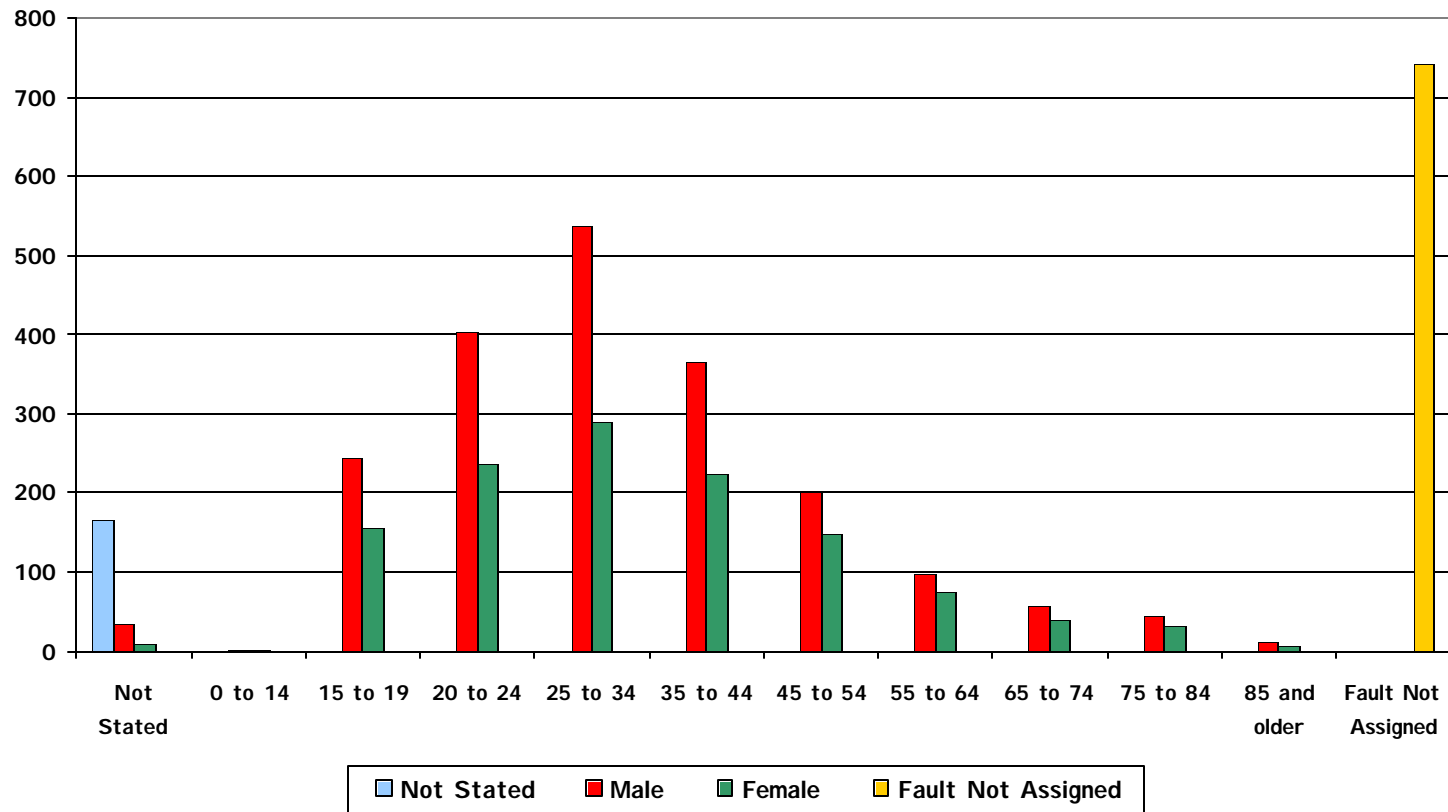
Table 3-5
Number of Motor Vehicle Occupant Crashes in the City of San Diego Region
by Age of Party at Fault and First Road Condition
July 1, 2000 to June 30, 2001

Age of Party at Fault	First Road Condition									Total
	Not Stated	Holes, Deep Ruts	Loose Material on Roadway	Obstruction on Roadway	Construction or Repair Zone	Reduced Roadway Width	Flooded	Other	No Unusual Condition	
Not Stated	2 (0.96%)*	0 (0.00%)	1 (0.48%)	1 (0.48%)	3 (1.44%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	202 (96.65%)	209 (100.%)
0 to 4	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.00%)	1 (100.%)
10 to 14	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (100.00%)	3 (100.%)
15 to 19	3 (0.75%)	1 (0.25%)	0 (0.00%)	1 (0.25%)	13 (3.25%)	1 (0.25%)	0 (0.00%)	4 (1.00%)	377 (94.25%)	400 (100.%)
20 to 24	2 (0.31%)	0 (0.00%)	1 (0.16%)	2 (0.31%)	13 (2.03%)	1 (0.16%)	1 (0.16%)	3 (0.47%)	618 (96.41%)	641 (100.%)
25 to 34	6 (0.73%)	1 (0.12%)	1 (0.12%)	5 (0.61%)	16 (1.94%)	1 (0.12%)	1 (0.12%)	8 (0.97%)	786 (95.27%)	825 (100.%)
35 to 44	4 (0.68%)	1 (0.17%)	0 (0.00%)	4 (0.68%)	13 (2.21%)	0 (0.00%)	1 (0.17%)	1 (0.17%)	565 (95.93%)	589 (100.%)
45 to 54	1 (0.29%)	0 (0.00%)	0 (0.00%)	6 (1.72%)	9 (2.59%)	0 (0.00%)	1 (0.29%)	3 (0.86%)	328 (94.25%)	348 (100.%)
55 to 64	1 (0.57%)	0 (0.00%)	1 (0.57%)	2 (1.15%)	4 (2.30%)	2 (1.15%)	0 (0.00%)	1 (0.57%)	163 (93.68%)	174 (100.%)
65 to 74	0 (0.00%)	2 (2.11%)	0 (0.00%)	1 (1.05%)	1 (1.05%)	0 (0.00%)	0 (0.00%)	1 (1.05%)	90 (94.74%)	95 (100.%)
75 to 84	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	3 (3.95%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	73 (96.05%)	76 (100.%)
85 and older	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (5.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	19 (95.00%)	20 (100.%)
Fault Not Assigned	31 (4.17%)	3 (0.40%)	0 (0.00%)	5 (0.67%)	11 (1.48%)	0 (0.00%)	0 (0.00%)	6 (0.81%)	687 (92.46%)	743 (100.%)
Total	50 (1.21%)	8 (0.19%)	4 (0.10%)	27 (0.65%)	87 (2.11%)	5 (0.12%)	4 (0.10%)	27 (0.65%)	3912 (94.86%)	4124 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 3.3
Age and Gender of Party at Fault in Motor Vehicle Occupant Crashes
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

4: MOTORCYCLE VICTIMS

Table 4-1 Leading Causes of Motorcycle Injuries by Age Group of Victim City of San Diego Region							
Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4							0
5-9	*						1
10-14	Unsafe Speed 2	*					3
15-19	Unsafe Speed 7	*					8
20-24	Unsafe Speed 19	Improper Turning 11	Automobile Right-of-Way 9	DUI Alcohol/Drugs 3†	Traffic Signals & Signs 3†	**	59
25-34	Unsafe Speed 37	Improper Turning 21	Automobile Right-of-Way 7†	Unsafe Lane Change 7†	DUI Alcohol/Drugs 6	Traffic Signals & Signs 4	88
35-44	Unsafe Speed 12	Improper Turning 10	Automobile Right-of-Way 6	DUI Alcohol/Drugs 5	Unsafe Lane Change 3	Traffic Signals & Signs 2	40
45-54	Improper Turning 7†	Automobile Right-of-Way 7†	Unsafe Speed 6	Unsafe Lane Change 2†	Traffic Signals & Signs 2†	*	28
55-64	Unsafe Speed 4	Improper Turning 3†	Automobile Right-of-Way 3†	*			11
65-74	*						2
75-84	*						1
85+							0
All Ages	Unsafe Speed 87	Improper Turning 54	Automobile Right-of-Way 33	Unsafe Lane Change 16	DUI Alcohol/Drugs 15	Traffic Signals & Signs 12	241

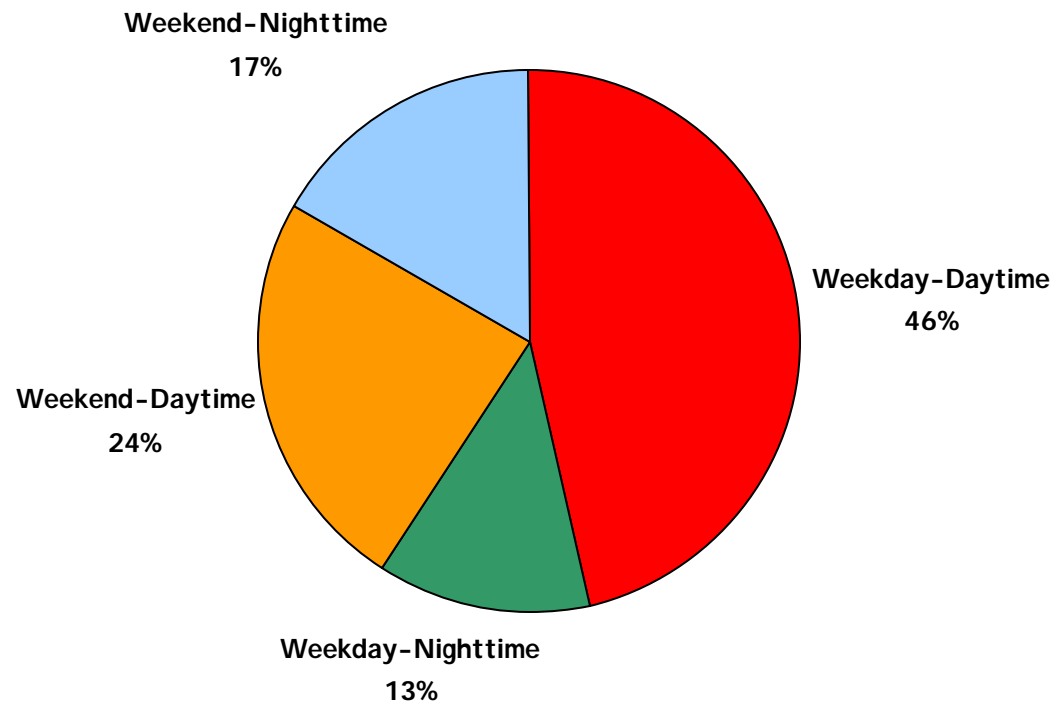
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single victim were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Figure 4.1
Motorcycle Crash Victims by Time of Week
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

Table 4-2
Number of Motorcycle Victims Killed or Injured in Motorcycle Crashes
in the City of San Diego Region
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week								Total			
	Not Stated		Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime				Weekend-Nighttime	
5 to 9	0	(0.00%)*	0	(0.00%)	0	(0.00%)	0	(0.00%)	1	(100.00%)	1	(100.%)
10 to 14	0	(0.00%)	0	(0.00%)	1	(33.33%)	1	(33.33%)	1	(33.33%)	3	(100.%)
15 to 19	0	(0.00%)	1	(12.50%)	4	(50.00%)	2	(25.00%)	1	(12.50%)	8	(100.%)
20 to 24	1	(1.69%)	27	(45.76%)	8	(13.56%)	17	(28.81%)	6	(10.17%)	59	(100.%)
25 to 34	0	(0.00%)	46	(52.27%)	8	(9.09%)	18	(20.45%)	16	(18.18%)	88	(100.%)
35 to 44	0	(0.00%)	15	(37.50%)	4	(10.00%)	11	(27.50%)	10	(25.00%)	40	(100.%)
45 to 54	0	(0.00%)	13	(46.43%)	6	(21.43%)	5	(17.86%)	4	(14.29%)	28	(100.%)
55 to 64	0	(0.00%)	6	(54.55%)	0	(0.00%)	4	(36.36%)	1	(9.09%)	11	(100.%)
65 to 74	0	(0.00%)	2	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
75 to 84	0	(0.00%)	1	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	1	(100.%)
Total	1	(0.41%)	111	(46.06%)	31	(12.86%)	58	(24.07%)	40	(16.60%)	241	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

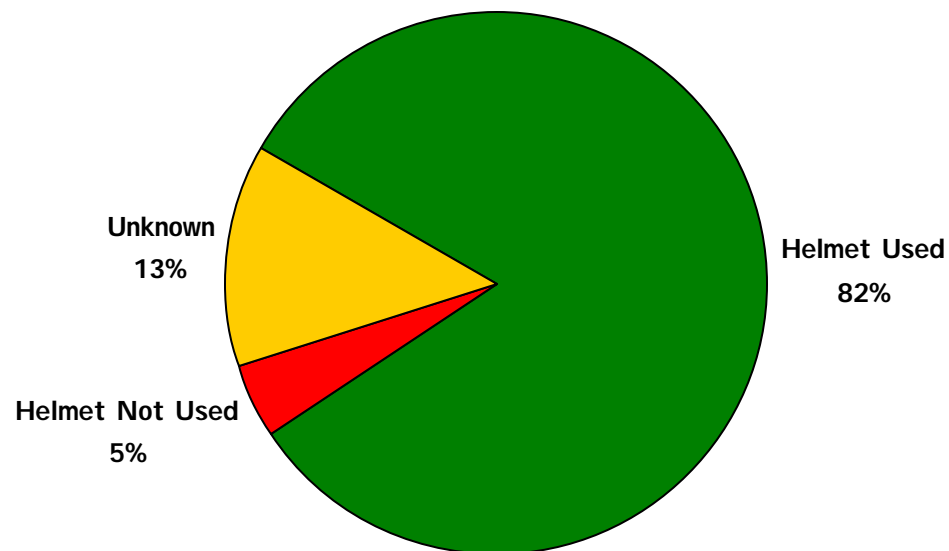
Table 4-3
Number of Motorcycle Victims Killed or Injured in Motorcycle Crashes
in the City of San Diego Region
by Type of Collision and Severity of Injury
July 1, 2000 to June 30, 2001

Type of Collision	Severity of Injury								Total	
	Killed		Severe Injury		Other Visible Injury		Complaint of Pain			
Head-on	1	(33.33%)*	0	(0.00%)	0	(0.00%)	2	(66.67%)	3	(100.%)
Sideswipe	0	(0.00%)	3	(9.09%)	23	(69.70%)	7	(21.21%)	33	(100.%)
Rear-end	1	(2.63%)	4	(10.53%)	21	(55.26%)	12	(31.58%)	38	(100.%)
Broadside	1	(1.79%)	12	(21.43%)	30	(53.57%)	13	(23.21%)	56	(100.%)
Hit Object	3	(8.33%)	4	(11.11%)	23	(63.89%)	6	(16.67%)	36	(100.%)
Overturned	1	(1.67%)	5	(8.33%)	49	(81.67%)	5	(8.33%)	60	(100.%)
Other	0	(0.00%)	0	(0.00%)	13	(86.67%)	2	(13.33%)	15	(100.%)
Total	7	(2.90%)	28	(11.62%)	159	(65.98%)	47	(19.50%)	241	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 4.2
Helmet Use Among Motorcycle Crash Victims
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

Table 4-4
Number of Motorcycle Victims Killed or Injured in Motorcycle Crashes
in the City of San Diego Region
by Age of Victim and Helmet Use
July 1, 2000 to June 30, 2001

Age of Victim	Helmet Use						Total	
	Helmet Used		Helmet Not Used		Unknown			
5 to 9	1	(100.00%)*	0	(0.00%)	0	(0.00%)	1	(100.%)
10 to 14	3	(100.00%)	0	(0.00%)	0	(0.00%)	3	(100.%)
15 to 19	7	(87.50%)	1	(12.50%)	0	(0.00%)	8	(100.%)
20 to 24	49	(83.05%)	2	(3.39%)	8	(13.56%)	59	(100.%)
25 to 34	76	(86.36%)	4	(4.55%)	8	(9.09%)	88	(100.%)
35 to 44	29	(72.50%)	4	(10.00%)	7	(17.50%)	40	(100.%)
45 to 54	23	(82.14%)	0	(0.00%)	5	(17.86%)	28	(100.%)
55 to 64	7	(63.64%)	0	(0.00%)	4	(36.36%)	11	(100.%)
65 to 74	2	(100.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
75 to 84	1	(100.00%)	0	(0.00%)	0	(0.00%)	1	(100.%)
Total	198	(82.16%)	11	(4.56%)	32	(13.28%)	241	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 4-4A
Number of Motorcycle Victims Killed or Injured in the City of San Diego Region
by Age of Victim, Helmet Use and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Victim	Helmet Use	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
0 to 5	Used	1	0	0	0	0	0	0	0	0
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	Total	1	0	0	0	0	0	0	0	0
10 to 14	Used	1	1	0	0	0	0	0	0	1
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	Total	1	1	0	0	0	0	0	0	1
15 to 19	Used	2	0	0	1	0	0	0	0	4
	Not Used	0	0	0	1	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	Total	2	0	0	2	0	0	0	0	4
20 to 24	Used	9	4	6	10	4	6	6	2	2
	Not Used	0	0	0	2	0	0	0	0	0
	Unknown	2	0	0	1	2	1	1	0	1
	Total	11	4	6	13	6	7	7	2	3
25 to 34	Used	17	5	4	20	10	8	7	3	2
	Not Used	0	0	1	2	0	1	0	0	0
	Unknown	2	0	1	1	0	1	1	1	1
	Total	19	5	6	23	10	10	8	4	3
35 to 44	Used	6	0	3	9	6	1	2	1	1
	Not Used	0	0	2	1	1	0	0	0	0
	Unknown	1	1	0	1	2	0	1	0	1
	Total	7	1	5	11	9	1	3	1	2

Continued on next page

Table 4-4A (Continued)
Number of Motorcycle Victims Killed or Injured in the City of San Diego Region
by Age of Victim, Helmet Use and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Victim	Helmet Use	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
45 to 54	Used	1	1	3	9	1	2	4	0	2
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	2	0	0	0	0	1	1	0	1
	Total	3	1	3	9	1	3	5	0	3
65 to 74	Used	2	0	0	0	0	0	0	0	0
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	Total	2	0	0	0	0	0	0	0	0
75 to 84	Used	0	0	0	1	0	0	0	0	0
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	Total	0	0	0	1	0	0	0	0	0
All Ages	Used	39	11	17	53	22	17	21	6	12
	Not Used	0	0	3	6	1	1	0	0	0
	Unknown	8	1	3	3	5	3	4	1	4
	Total	47	12	23	62	28	21	25	7	16

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

5: MOTORCYCLE CRASHES

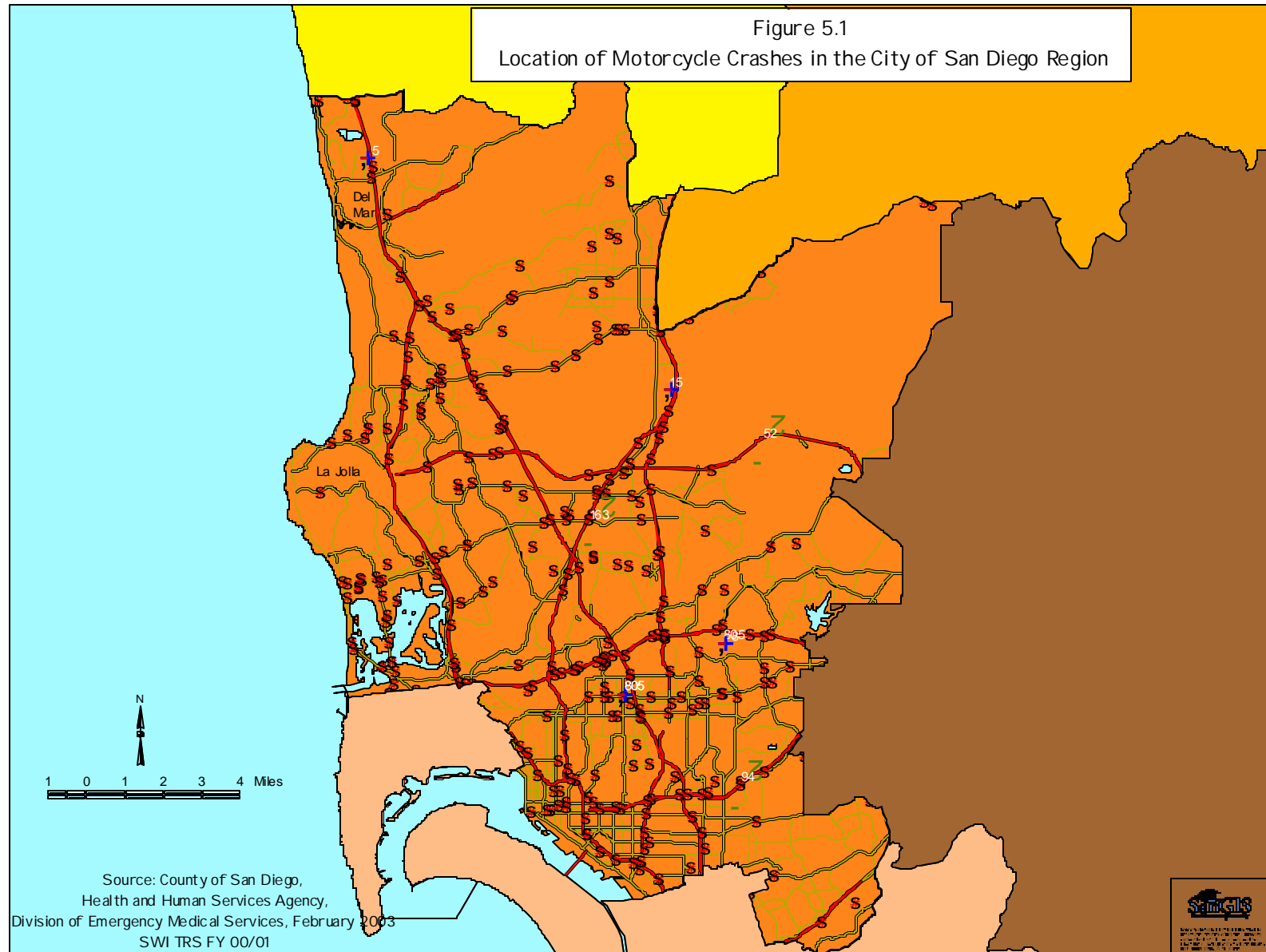


Table 5-1
Leading Violation Categories in Motorcycle Crashes by Type of Party at Fault
City of San Diego Region

Type of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
Motorcycle at Fault	Unsafe Speed 71	Improper Turning 20	DUI Alcohol/Drugs 10	Unsafe Lane Change 9	Traffic Signals & Signs 4	**	124
Other Party at Fault	Automobile Right-of-Way 24	Improper Turning 18	Unsafe Speed 6	Unsafe Lane Change 5†	Traffic Signals & Signs 5†	DUI Alcohol/Drugs 4	65
Fault Not Assigned	Improper Turning 11	Unsafe Speed 6	Other Than Driver 5	Automobile Right-of-Way 4	Traffic Signals & Signs 3	*	37
All Crashes	Unsafe Speed 83	Improper Turning 49	Automobile Right-of-Way 29	Unsafe Lane Change 15†	DUI Alcohol/Drugs 15†	Traffic Signals & Signs 12	226
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01. ** Multiple violation categories with the same number of victims were not listed due to space limitations. * Violation categories leading to a single crash were not ranked. † Tie							

Table 5-1A
Leading Violation Categories in Motorcycle Injury Crashes
in the City of San Diego Region
by Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Type of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
Motorcycle at Fault (MAF)	Unsafe Speed (13)	Unsafe Speed (5)	Unsafe Speed (6)	Unsafe Speed (19)	Unsafe Speed (8)	Unsafe Speed (6)	Unsafe Speed (7)	Unsafe Speed (3)	Unsafe Speed (4)
	Impr Turn (4)		Impr Turn (3)	DUI (6)	Impr Turn (4)	*	*	Tie: Impr Turn & Unsafe Lane Change (2)	Unsafe Lane Change (2)
	Signals/Signs (3)		*	Impr Turn (5)	DUI (2)			Change (2)	*
#MAF	22	5	11	36	15	8	12	7	8
Other Party at Fault (OPAF)	Impr Turn (6)	Auto ROW† (3)	Auto ROW† (2)	Tie: Unsafe Speed & Impr Turn (4)	Auto ROW† (5)	Auto ROW† (2)	Auto ROW† (5)	**	Auto ROW† (3)
		*	*			*	Impr Turn (3)		
	Tie: Auto ROW† & Signals/Signs (2)			Tie: Auto ROW† & Unsafe Lane Change (2)	Tie: Impr Turn & Signals/Signs (2)		*		
# OPAF	14	5	6	13	10	5	9	0	3
Fault Not Assigned (FNA)	Impr Turn (3)	*	Impr Turn (2)	Other Than Driver (3)	*	*	*	**	*
	Tie: Unsafe Speed & Signals/Signs (2)		*	Impr Turn (2)					
				*					
# FNA	9	1	5	8	2	6	4	0	2
All Motorcycle Crashes	Unsafe Speed (16)	Unsafe Speed (5)	Unsafe Speed (7)	Unsafe Speed (24)	Unsafe Speed (8)	Unsafe Speed (7)	Unsafe Speed (9)	Unsafe Speed (3)	Unsafe Speed (4)
	Impr Turn (13)	Auto ROW† (3)	Impr Turn (6)	Impr Turn (11)	Impr Turn (7)	Auto ROW† (3)	Tie: Auto ROW† & Impr Turn (5)	Tie: Impr Turn & Unsafe Lane Change (2)	Tie: Auto ROW† & Unsafe Lane Change (3)
	Signals/Signs (7)	*	Auto ROW† (4)	DUI (6)	Auto ROW† (5)	3-Way Tie: (2)			
# Motorcycle Crashes***	45	11	22	57	27	19	25	7	13

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

** There were no crashes for this type of party at fault.

*** Includes all motorcycle crashes - all types of parties at fault and fault not assigned.

† Right-of-Way

Table 5-2
Number of Motorcycle Crashes in the City of San Diego Region
by Collision Type and Type of Party at Fault
July 1, 2000 to June 30, 2001

Collision Type	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Head-on	1	(33.33%)*	2	(66.67%)	0	(0.00%)	3	(100.%)
Sideswipe	10	(33.33%)	12	(40.00%)	8	(26.67%)	30	(100.%)
Rear-end	23	(60.53%)	11	(28.95%)	4	(10.53%)	38	(100.%)
Broadside	12	(23.08%)	31	(59.62%)	9	(17.31%)	52	(100.%)
Hit Object	28	(82.35%)	3	(8.82%)	3	(8.82%)	34	(100.%)
Overturned	42	(75.00%)	4	(7.14%)	10	(17.86%)	56	(100.%)
Other	8	(61.54%)	2	(15.38%)	3	(23.08%)	13	(100.%)
Total	124	(54.87%)	65	(28.76%)	37	(16.37%)	226	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-3
Number of Motorcycle Crashes in the City of San Diego Region
by First Weather Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Weather Condition	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Clear	91	(52.91%)*	52	(30.23%)	29	(16.86%)	172	(100.%)
Cloudy	31	(62.00%)	11	(22.00%)	8	(16.00%)	50	(100.%)
Raining	2	(66.67%)	1	(33.33%)	0	(0.00%)	3	(100.%)
Other	0	(0.00%)	1	(100.00%)	0	(0.00%)	1	(100.%)
Total	124	(54.87%)	65	(28.76%)	37	(16.37%)	226	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-4
Number of Motorcycle Crashes in the City of San Diego Region
by Time of Week and Type of Party at Fault
July 1, 2000 to June 30, 2001

Time of Week	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	0	(0.00%)*	0	(0.00%)	1	(100.00%)	1	(100.%)
Weekday-Daytime	58	(52.73%)	35	(31.82%)	17	(15.45%)	110	(100.%)
Weekday-Nighttime	10	(37.04%)	11	(40.74%)	6	(22.22%)	27	(100.%)
Weekend-Daytime	32	(59.26%)	13	(24.07%)	9	(16.67%)	54	(100.%)
Weekend-Nighttime	24	(70.59%)	6	(17.65%)	4	(11.76%)	34	(100.%)
Total	124	(54.87%)	65	(28.76%)	37	(16.37%)	226	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-5
Number of Motorcycle Crashes in the City of San Diego Region
by First Road Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Road Condition	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	0	(0.00%)*	1	(50.00%)	1	(50.00%)	2	(100.%)
Holes, Deep Ruts	1	(50.00%)	0	(0.00%)	1	(50.00%)	2	(100.%)
Loose Material on Roadway	2	(66.67%)	0	(0.00%)	1	(33.33%)	3	(100.%)
Obstruction on Roadway	2	(100.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
Construction or Repair Zone	1	(33.33%)	2	(66.67%)	0	(0.00%)	3	(100.%)
Reduced Roadway Width	0	(0.00%)	0	(0.00%)	1	(100.00%)	1	(100.%)
Other	2	(50.00%)	2	(50.00%)	0	(0.00%)	4	(100.%)
No Unusual Condition	116	(55.50%)	60	(28.71%)	33	(15.79%)	209	(100.%)
Total	124	(54.87%)	65	(28.76%)	37	(16.37%)	226	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-6
Number of Motorcycle Crashes in the City of San Diego Region
by Age and Gender of Party at Fault and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Party at Fault	Fault in Motorcycle Crash†							
	Motorcycle at Fault				Other Party at Fault			
	Gender of Party at Fault††				Gender of Party at Fault††			
	Male		Female		Male		Female	
Not Stated	0	(0.00%)*	0	(0.00%)	4	(6.67%)	0	(0.00%)
15 to 19	5	(4.03%)	0	(0.00%)	3	(5.00%)	2	(3.33%)
20 to 24	34	(27.42%)	0	(0.00%)	7	(11.67%)	3	(5.00%)
25 to 34	49	(39.52%)	2	(1.61%)	11	(18.33%)	4	(6.67%)
35 to 44	15	(12.10%)	2	(1.61%)	6	(10.00%)	4	(6.67%)
45 to 54	11	(8.87%)	0	(0.00%)	3	(5.00%)	2	(3.33%)
55 to 64	5	(4.03%)	0	(0.00%)	2	(3.33%)	0	(0.00%)
65 to 74	0	(0.00%)	0	(0.00%)	1	(1.67%)	3	(5.00%)
75 to 84	1	(0.81%)	0	(0.00%)	3	(5.00%)	2	(3.33%)
Total	120	(96.77%)	4	(3.23%)	40	(66.67%)	20	(33.33%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are age and gender percents.

†Fault was not assigned in 37 crashes.

††Gender of party at fault was not stated for 5 other parties.

Table 5-6A
Number of Motorcycle Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
15 to 19	Motorcycle at Fault	2	0	0	1	0	0	0	0	2
	Other Party at Fault	2	0	2	0	0	0	1	0	0
	Total	4	0	2	1	0	0	1	0	2
20 to 24	Motorcycle at Fault	7	1	5	10	3	1	3	2	2
	Other Party at Fault	2	1	0	2	3	1	1	0	0
	Total	9	2	5	12	6	2	4	2	2
25 to 34	Motorcycle at Fault	10	3	3	13	5	6	5	4	2
	Other Party at Fault	2	2	1	3	4	0	3	0	0
	Total	12	5	4	16	9	6	8	4	2
35 to 44	Motorcycle at Fault	2	1	1	3	5	0	2	1	2
	Other Party at Fault	1	1	1	2	1	3	0	0	1
	Total	3	2	2	5	6	3	2	1	3
45 to 54	Motorcycle at Fault	0	0	1	6	1	1	2	0	0
	Other Party at Fault	1	0	1	2	0	0	1	0	0
	Total	1	0	2	8	1	1	3	0	0
55 to 64	Motorcycle at Fault	1	0	1	2	1	0	0	0	0
	Other Party at Fault	0	0	1	1	0	0	0	0	0
	Total	1	0	2	3	1	0	0	0	0

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Table 5-6A (Continued)
Number of Motorcycle Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
65 to 74	Other Party at Fault	0	0	0	2	1	1	0	0	0
	Total	0	0	0	2	1	1	0	0	0
75 to 84	Motorcycle at Fault	0	0	0	1	0	0	0	0	0
	Other Party at Fault	3	0	0	0	1	0	0	0	1
	Total	3	0	0	1	1	0	0	0	1
Not Stated	Other Party at Fault	3	1	0	1	0	0	3	0	1
	Total	3	1	0	1	0	0	3	0	1
All Motorcycle Crashes***	Motorcycle at Fault	22	5	11	36	15	8	12	7	8
	Other Party at Fault	14	5	6	13	10	5	9	0	3
	Fault Not Assigned	9	1	5	8	2	6	4	0	2
	Total	45	11	22	57	27	19	25	7	13

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*** Includes all motorcycle crashes - all ages of parties at fault, age of party at fault not stated, and fault not assigned.

6: PEDALCYCLE VICTIMS

Table 6-1
Leading Causes of Pedalcycle Injuries by Age Group of Victim
City of San Diego Region

Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4							0
5-9	Automobile Right-of-Way 6	Traffic Signals & Signs 4	*				16
10-14	Automobile Right-of-Way 9	Traffic Signals & Signs 6†	Wrong Side of Road 6†	Improper Turning 4	*		32
15-19	Automobile Right-of-Way 5†	Wrong Side of Road 5†	Improper Turning 4†	Traffic Signals & Signs 4†	Other Hazardous Viol. 2	*	27
20-24	Automobile Right-of-Way 4	Other Hazardous Viol. 3†	Wrong Side of Road 3†	Improper Turning 2†	DUI Alcohol/Drugs 2†	Unsafe Start/Backup 2†	20
25-34	Automobile Right-of-Way 11	Traffic Signals & Signs 6	Improper Turning 5†	Other Hazardous Viol. 5†	Wrong Side of Road 4	**	49
35-44	Automobile Right-of-Way 15	Improper Turning 11	Other Hazardous Viol. 6	Unsafe Speed 4	Traffic Signals & Signs 2†	Wrong Side of Road 2†	46
45-54	Improper Turning 10	Automobile Right-of-Way 7	Other Hazardous Viol. 5	DUI Alcohol/Drugs 3	Traffic Signals & Signs 2	*	35
55-64	Improper Turning 2	*					4
65-74	Automobile Right-of-Way 2†	Improper Turning 2†	*				6
75-84	*						2
85+	*						2
All Ages	Automobile Right-of-Way 61	Improper Turning 44	Traffic Signals & Signs 26	Other Hazardous Viol. 24	Wrong Side of Road 23	Unsafe Speed 10	243

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single victim were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Table 6-2
Number of Pedalcycle Victims Killed or Injured in Pedalcycle Crashes
in the City of San Diego Region
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week								Total	
	Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
5 to 9	7	(43.75%)*	4	(25.00%)	4	(25.00%)	1	(6.25%)	16	(100.%)
10 to 14	21	(65.63%)	5	(15.63%)	3	(9.38%)	3	(9.38%)	32	(100.%)
15 to 19	18	(66.67%)	7	(25.93%)	1	(3.70%)	1	(3.70%)	27	(100.%)
20 to 24	10	(50.00%)	4	(20.00%)	3	(15.00%)	3	(15.00%)	20	(100.%)
25 to 34	24	(48.98%)	10	(20.41%)	13	(26.53%)	2	(4.08%)	49	(100.%)
35 to 44	24	(52.17%)	8	(17.39%)	11	(23.91%)	3	(6.52%)	46	(100.%)
45 to 54	19	(54.29%)	6	(17.14%)	8	(22.86%)	2	(5.71%)	35	(100.%)
55 to 64	1	(25.00%)	1	(25.00%)	2	(50.00%)	0	(0.00%)	4	(100.%)
65 to 74	4	(66.67%)	1	(16.67%)	1	(16.67%)	0	(0.00%)	6	(100.%)
75 to 84	2	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
85 and older	2	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
Not stated	2	(50.00%)	1	(25.00%)	0	(0.00%)	1	(25.00%)	4	(100.%)
Total	134	(55.14%)	47	(19.34%)	46	(18.93%)	16	(6.58%)	243	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

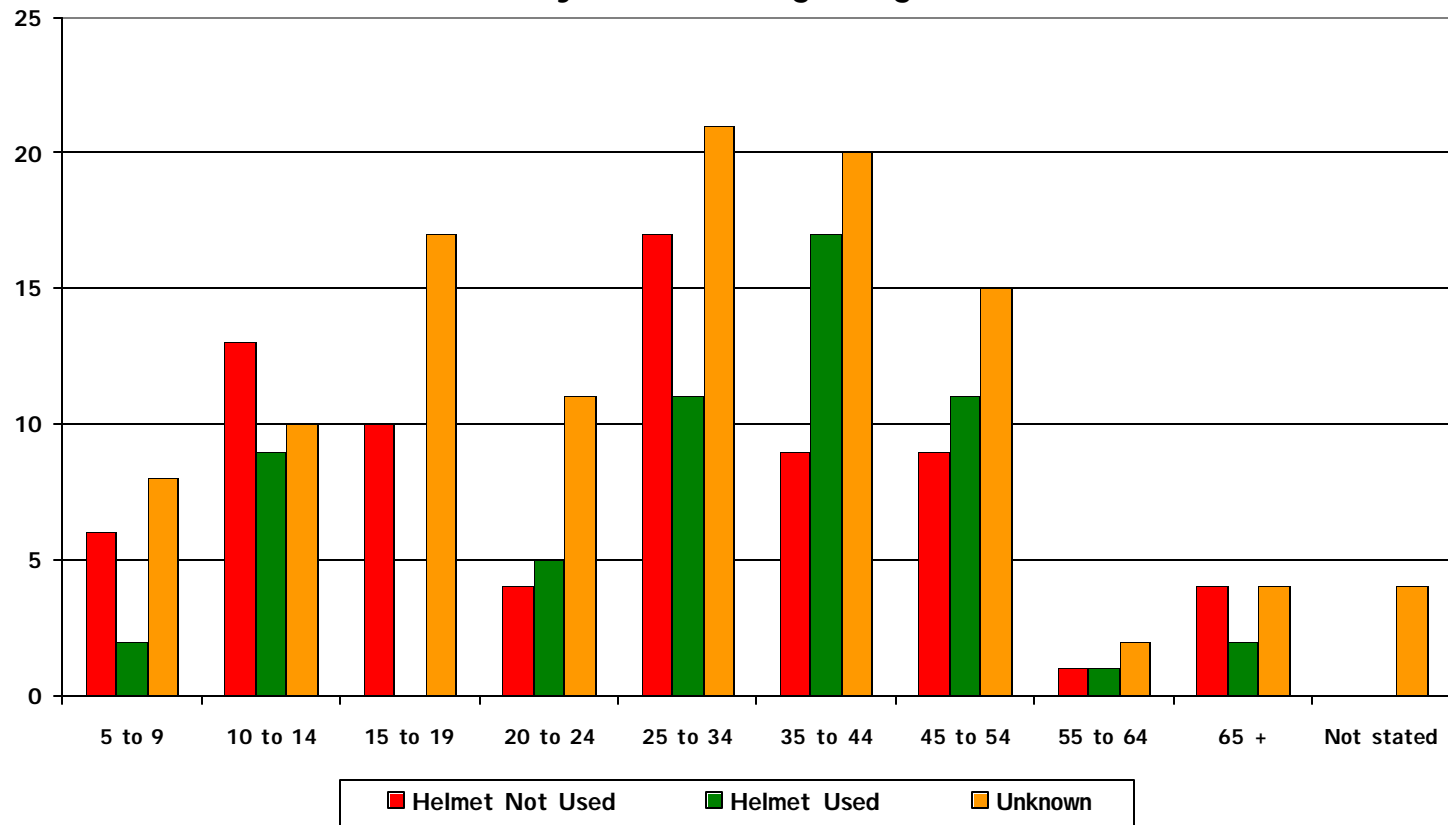
Table 6-3
Number of Pedalcycle Victims Killed or Injured in Pedalcycle Crashes
in the City of San Diego Region
by Age of Victim and First Weather Condition
July 1, 2000 to June 30, 2001

Age of Victim	First Weather Condition					Total
	Not Stated	Clear	Cloudy	Raining	Other	
5 to 9	0 (0.00%)*	15 (93.75%)	1 (6.25%)	0 (0.00%)	0 (0.00%)	16 (100.%)
10 to 14	0 (0.00%)	27 (84.38%)	4 (12.50%)	1 (3.13%)	0 (0.00%)	32 (100.%)
15 to 19	0 (0.00%)	25 (92.59%)	2 (7.41%)	0 (0.00%)	0 (0.00%)	27 (100.%)
20 to 24	0 (0.00%)	15 (75.00%)	4 (20.00%)	0 (0.00%)	1 (5.00%)	20 (100.%)
25 to 34	1 (2.04%)	32 (65.31%)	12 (24.49%)	3 (6.12%)	1 (2.04%)	49 (100.%)
35 to 44	0 (0.00%)	40 (86.96%)	4 (8.70%)	1 (2.17%)	1 (2.17%)	46 (100.%)
45 to 54	0 (0.00%)	29 (82.86%)	6 (17.14%)	0 (0.00%)	0 (0.00%)	35 (100.%)
55 to 64	0 (0.00%)	3 (75.00%)	1 (25.00%)	0 (0.00%)	0 (0.00%)	4 (100.%)
65 to 74	0 (0.00%)	5 (83.33%)	1 (16.67%)	0 (0.00%)	0 (0.00%)	6 (100.%)
75 to 84	0 (0.00%)	2 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (100.%)
85 and older	0 (0.00%)	2 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (100.%)
Not stated	0 (0.00%)	4 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	4 (100.%)
Total	1 (0.41%)	199 (81.89%)	35 (14.40%)	5 (2.06%)	3 (1.23%)	243 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 6.1
Helmet Use by Age of Pedalcyclist Crash Victims
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

Table 6-4
Number of Pedalcycle Victims Killed or Injured in Pedalcycle Crashes
in the City of San Diego Region
by Helmet Use and Severity of Injury
July 1, 2000 to June 30, 2001

Helmet Use	Severity of Injury								Total	
	Killed		Severe Injury		Other Visible Injury		Complaint of Pain			
Helmet Used	1	(1.72%)*	3	(5.17%)	41	(70.69%)	13	(22.41%)	58	(100.%)
Helmet Not Used	0	(0.00%)	5	(6.85%)	49	(67.12%)	19	(26.03%)	73	(100.%)
Unknown	0	(0.00%)	6	(5.36%)	65	(58.04%)	41	(36.61%)	112	(100.%)
Total	1	(0.41%)	14	(5.76%)	155	(63.79%)	73	(30.04%)	243	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 6-4A
Number of Pedalcycle Victims Killed or Injured in the City of San Diego Region
by Age of Victim, Helmet Use and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Victim	Helmet Use	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
5 to 9	Used	0	0	0	0	1	0	0	0	1
	Not Used	1	1	4	0	0	0	0	0	0
	Unknown	0	5	2	1	0	0	0	0	0
	Total	1	6	6	1	1	0	0	0	1
10 to 14	Used	1	2	0	0	1	1	3	0	1
	Not Used	2	2	6	1	0	0	2	0	0
	Unknown	3	2	1	1	0	0	0	0	3
	Total	6	6	7	2	1	1	5	0	4
15 to 19	Used	0	0	0	0	0	0	0	0	0
	Not Used	4	2	3	0	1	0	0	0	0
	Unknown	6	0	5	2	2	0	1	0	1
	Total	10	2	8	2	3	0	1	0	1
20 to 24	Used	3	0	0	1	1	0	0	0	0
	Not Used	1	0	0	0	1	1	1	0	0
	Unknown	5	1	0	1	1	0	2	0	1
	Total	9	1	0	2	3	1	3	0	1
25 to 34	Used	0	0	3	2	3	2	1	0	0
	Not Used	3	0	3	2	8	0	1	0	0
	Unknown	7	2	3	4	3	0	2	0	0
	Total	10	2	9	8	14	2	4	0	0
35 to 44	Used	3	0	3	2	5	1	3	0	0
	Not Used	4	0	4	0	1	0	0	0	0
	Unknown	10	1	3	3	1	1	1	0	0
	Total	17	1	10	5	7	2	4	0	0
45 to 54	Used	2	0	1	1	2	2	3	0	0
	Not Used	2	0	0	2	5	0	0	0	0
	Unknown	3	2	0	1	7	0	1	0	1
	Total	7	2	1	4	14	2	4	0	1

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Table 6-4A (Continued)
Number of Pedalcycle Victims Killed or Injured in the City of San Diego Region
by Age of Victim, Helmet Use and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Victim	Helmet Use	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
55 to 64	Used	0	0	0	0	1	0	0	0	0
	Not Used	0	0	0	0	1	0	0	0	0
	Unknown	1	0	0	0	0	0	1	0	0
	Total	1	0	0	0	2	0	1	0	0
65 to 74	Used	0	0	0	1	0	0	0	0	0
	Not Used	1	0	0	1	0	0	1	0	0
	Unknown	0	0	0	0	1	0	1	0	0
	Total	1	0	0	2	1	0	2	0	0
75 to 84	Used	0	0	0	0	0	0	0	1	0
	Not Used	0	1	0	0	0	0	0	0	0
	Unknown	0	0	0	0	0	0	0	0	0
	Total	0	1	0	0	0	0	0	1	0
85 & older	Used	0	0	0	0	0	0	0	0	0
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	1	0	1	0	0	0	0	0	0
	Total	1	0	1	0	0	0	0	0	0
Not stated	Used	0	0	0	0	0	0	0	0	0
	Not Used	0	0	0	0	0	0	0	0	0
	Unknown	2	0	1	0	0	0	1	0	0
	Total	2	0	1	0	0	0	1	0	0
All Ages	Used	9	2	7	7	14	6	10	1	2
	Not Used	18	6	20	6	17	1	5	0	0
	Unknown	38	13	16	13	15	1	10	0	6
	Total	65	21	43	26	46	8	25	1	8

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

7: PEDALCYCLE CRASHES

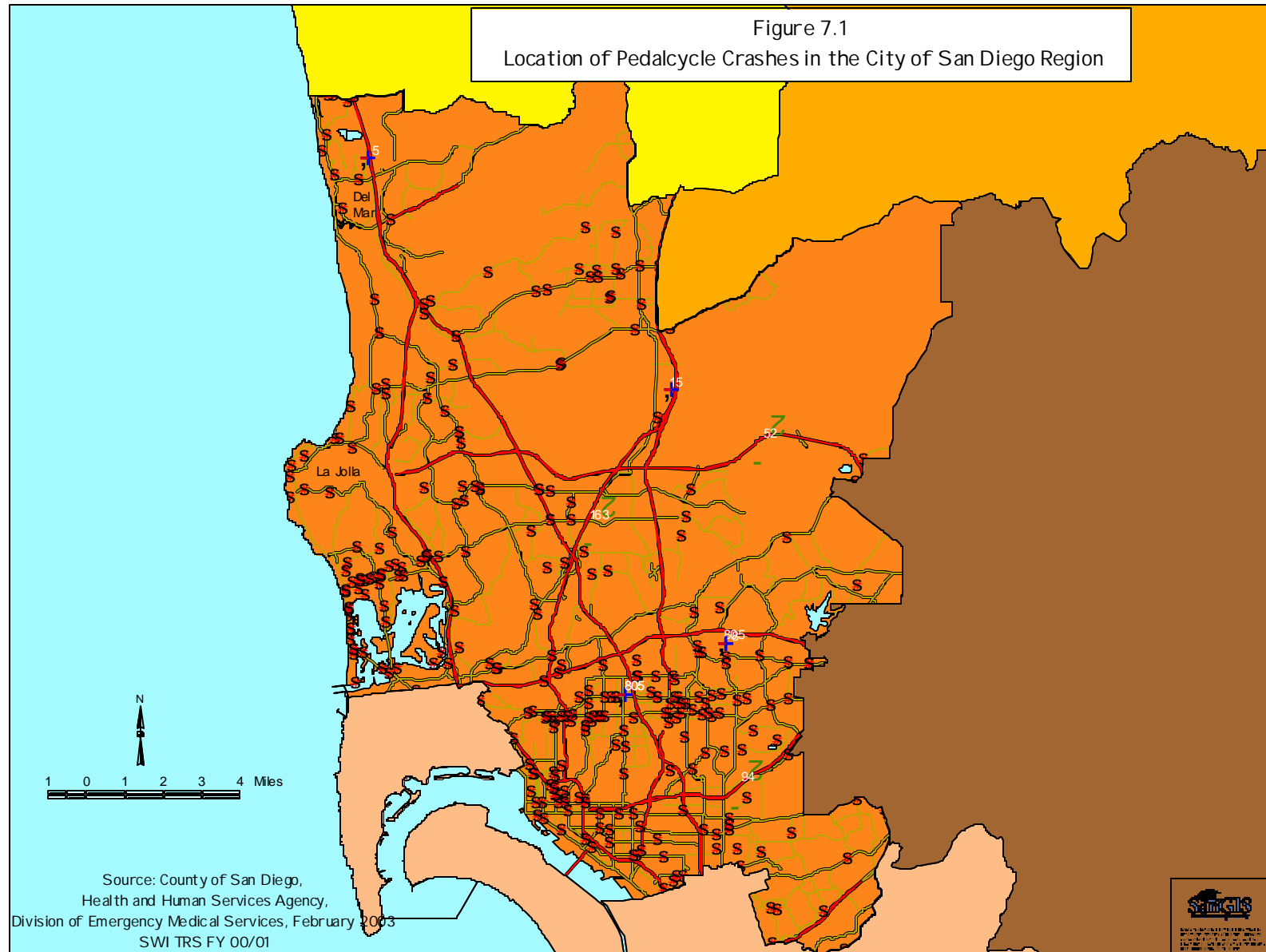


Table 7-1
Leading Violation Categories in Pedalcycle Crashes by Type of Party at Fault
City of San Diego Region

Type of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
Pedalcycle at Fault	Automobile Right-of-Way 22	Wrong Side of Road 21	Improper Turning 15	Traffic Signals & Signs 13	Unsafe Speed 6	Other Hazardous Viol. 5	100
Other Party at Fault	Improper Turning 24	Automobile Right-of-Way 23	Other Hazardous Viol. 15	Traffic Signals & Signs 10	Unsafe Speed 3†	Unsafe Start/Backup 3†	88
Fault Not Assigned	Automobile Right-of-Way 16	Improper Turning 5	Other Hazardous Viol. 4	Traffic Signals & Signs 3	**		57
All Crashes	Automobile Right-of-Way 61	Improper Turning 44	Traffic Signals & Signs 26	Other Hazardous Viol. 24	Wrong Side of Road 23	Unsafe Speed 11	245

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

** Multiple violation categories with the same number of crashes were not listed due to space limitations.

† Tie

Table7-1A
Leading Violation Categories in Pedalcycle Injury Crashes
in the City of San Diego Region
by Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Type of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
Pedalcycle at Fault (PAF)	Wrong Side of Road (5)	Auto ROW† (6)	Auto ROW† (6)	Wrong Side of Road (5)	Impr Turn (5)	*	*	**	Auto ROW† (2)
	Tie: Impr Turn & Signals/Signs (3)	Tie:Signals/Signs & Wrong Side of Road (3)	Signals/Signs (4)	Tie:Auto ROW† & Impr Turn (2)	Wrong Side of Road (4)				*
			Impr Turn (3)		Auto ROW† (3)				
#PAF	22	16	20	10	20	3	5	0	4
Other Party at Fault (OPAF)	Tie: Impr Turn & Other Hazardous Violation (6) Auto ROW† (5)	Auto ROW† (2)	3-Way Tie: Impr Turn, Signals/Signs & Other Hazardous Violation (3)	Tie: Auto ROW† & Impr Turn (4) Signals/Signs (2)	Other Hazardous Violation (4)	Impr Turn (3)	Auto ROW† (7)	*	*
		*			Tie: Auto ROW† & Impr Turn (3)	Impr Turn (3)			
						*			
# OPAF	25	3	12	11	18	3	12	1	3
Fault Not Assigned (FNA)	Auto ROW† (5)	*	Auto ROW† (3)	Auto ROW† (3)	Auto ROW† (3)	*	*	**	*
	Impr Turn (3)		Impr Turn (2)	*	Other Hazardous Violation (2)				
	*		*		*				
# FNA	18	2	11	6	9	2	8	0	1
All Pedalcycle Crashes	Tie: Auto ROW† & Impr Turn (12)	Auto ROW† (8)	Auto ROW† (10)	Auto ROW† (9)	Auto ROW† (9)	Impr Turn (4)	Auto ROW† (9)	*	Auto ROW† (4)
		Tie: Signals/Signs & Wrong Side of Road (3)	Impr Turn (8)	Impr Turn (6)	Impr Turn (8)	*	Tie: Signals/Signs & Impr Turn (3)		Signals/Signs (2)
	Other Hazardous Violation (9)		Signals/Signs (7)	Wrong Side of Road (5)	Other Hazardous Violation (6)			*	
# Pedalcycle Crashes***	65	21	43	27	47	8	25	1	8

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

** There were no crashes for this type of party at fault.

*** Includes all pedalcycle crashes - all types of parties at fault, other party at fault, and fault not assigned.

† Right-of-Way

Table 7-2
Number of Pedalcycle Crashes in the City of San Diego Region
by First Weather Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Weather Condition	Fault in Pedalcycle Crash						Total	
	Pedalcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	0	(0.00%)*	0	(0.00%)	1	(100.00%)	1	(100.%)
Clear	81	(40.30%)	74	(36.82%)	46	(22.89%)	201	(100.%)
Cloudy	16	(45.71%)	11	(31.43%)	8	(22.86%)	35	(100.%)
Raining	3	(60.00%)	1	(20.00%)	1	(20.00%)	5	(100.%)
Other	0	(0.00%)	2	(66.67%)	1	(33.33%)	3	(100.%)
Total	100	(40.82%)	88	(35.92%)	57	(23.27%)	245	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 7-3
Number of Pedalcycle Crashes in the City of San Diego Region
by Time of Week and Type of Party at Fault
July 1, 2000 to June 30, 2001

Time of Week	Fault in Pedalcycle Crash						Total	
	Pedalcycle at Fault		Other Party at Fault		Fault Not Assigned			
Weekday-Daytime	51	(37.50%)*	54	(39.71%)	31	(22.79%)	136	(100.%)
Weekday-Nighttime	24	(50.00%)	11	(22.92%)	13	(27.08%)	48	(100.%)
Weekend-Daytime	18	(39.13%)	19	(41.30%)	9	(19.57%)	46	(100.%)
Weekend-Nighttime	7	(46.67%)	4	(26.67%)	4	(26.67%)	15	(100.%)
Total	100	(40.82%)	88	(35.92%)	57	(23.27%)	245	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 7-4
Number of Pedalcycle Crashes in the City of San Diego Region
by First Road Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Road Condition	Fault in Pedalcycle Crash						Total	
	Pedalcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	3	(50.00%)*	1	(16.67%)	2	(33.33%)	6	(100.%)
Holes, Deep Ruts	0	(0.00%)	2	(100.00%)	0	(0.00%)	2	(100.%)
Loose Material on Roadway	1	(50.00%)	1	(50.00%)	0	(0.00%)	2	(100.%)
Construction or Repair Zone	1	(50.00%)	1	(50.00%)	0	(0.00%)	2	(100.%)
Other	2	(50.00%)	1	(25.00%)	1	(25.00%)	4	(100.%)
No Unusual Condition	93	(40.61%)	82	(35.81%)	54	(23.58%)	229	(100.%)
Total	100	(40.82%)	88	(35.92%)	57	(23.27%)	245	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 7-5
Number of Pedalcycle Crashes in the City of San Diego Region
by Age and Gender of Party at Fault and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Party at Fault	Fault in Pedalcycle Crash†							
	Pedalcycle at Fault				Other Party at Fault			
	Gender of Party at Fault††				Gender of Party at Fault††			
	Male		Female		Male		Female	
Not Stated	1	(1.00%)*	0	(0.00%)	1	(1.39%)	2	(2.78%)
5 to 9	11	(11.00%)	1	(1.00%)	0	(0.00%)	0	(0.00%)
10 to 14	17	(17.00%)	2	(2.00%)	0	(0.00%)	0	(0.00%)
15 to 19	12	(12.00%)	2	(2.00%)	4	(5.56%)	2	(2.78%)
20 to 24	3	(3.00%)	4	(4.00%)	3	(4.17%)	3	(4.17%)
25 to 34	12	(12.00%)	1	(1.00%)	6	(8.33%)	5	(6.94%)
35 to 44	13	(13.00%)	2	(2.00%)	16	(22.22%)	7	(9.72%)
45 to 54	12	(12.00%)	2	(2.00%)	6	(8.33%)	5	(6.94%)
55 to 64	1	(1.00%)	0	(0.00%)	0	(0.00%)	4	(5.56%)
65 to 74	2	(2.00%)	0	(0.00%)	2	(2.78%)	3	(4.17%)
75 to 84	1	(1.00%)	0	(0.00%)	1	(1.39%)	2	(2.78%)
85 and older	1	(1.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)
Total	86	(86.00%)	14	(14.00%)	39	(54.17%)	33	(45.83%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are age and gender percents.

†Fault was not assigned in 57 crashes.

††Gender of party at fault was not stated for 16 other parties.

Table 7-5A
Number of Pedalcycle Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault, and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
Not Stated	Pedalcycle at Fault	1	0	0	0	0	0	0	0	0
	Other Party at Fault	3	1	5	4	6	0	0	0	0
	Total	4	1	5	4	6	0	0	0	0
5 to 9	Pedalcycle at Fault	0	5	4	1	1	0	0	0	1
	Total	0	5	4	1	1	0	0	0	1
10 to 14	Pedalcycle at Fault	2	4	7	1	0	1	3	0	1
	Total	2	4	7	1	0	1	3	0	1
15 to 19	Pedalcycle at Fault	4	1	4	2	2	0	0	0	1
	Other Party at Fault	2	0	1	2	0	0	1	0	0
	Total	6	1	5	4	2	0	1	0	1
20 to 24	Pedalcycle at Fault	1	1	0	1	2	1	0	0	1
	Other Party at Fault	1	1	0	1	2	0	1	0	0
	Total	2	2	0	2	4	1	1	0	1
25 to 34	Pedalcycle at Fault	5	1	2	1	4	0	0	0	0
	Other Party at Fault	3	1	4	1	1	0	1	0	0
	Total	8	2	6	2	5	0	1	0	0

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Table 7-5A (Continued)
Number of Pedalcycle Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault, and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
35 to 44	Pedalcycle at Fault	6	1	2	1	4	1	0	0	0
	Other Party at Fault	10	0	1	1	4	0	5	1	1
	Total	16	1	3	2	8	1	5	1	1
45 to 54	Pedalcycle at Fault	2	2	0	3	6	0	1	0	0
	Other Party at Fault	3	0	1	0	3	1	3	0	0
	Total	5	2	1	3	9	1	4	0	0
55 to 64	Pedalcycle at Fault	0	0	0	0	1	0	0	0	0
	Other Party at Fault	1	0	0	0	1	1	0	0	1
	Total	1	0	0	0	2	1	0	0	1
65 to 74	Pedalcycle at Fault	1	0	0	0	0	0	1	0	0
	Other Party at Fault	2	0	0	1	0	1	1	0	0
	Total	3	0	0	1	0	1	2	0	0
75 to 84	Pedalcycle at Fault	0	1	0	0	0	0	0	0	0
	Other Party at Fault	0	0	0	1	1	0	0	0	1
	Total	0	1	0	1	1	0	0	0	1
85 and older	Pedalcycle at Fault	0	0	1	0	0	0	0	0	0
	Total	0	0	1	0	0	0	0	0	0

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Table 7-5A (Continued)
Number of Pedalcycle Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault, and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
All Pedalcycle Crashes*	Pedalcycle at Fault	22	16	20	10	20	3	5	0	4
	Other Party at Fault	25	3	12	11	18	3	12	1	3
	Fault Not Assigned	18	2	11	6	9	2	8	0	1
	Total	65	21	43	27	47	8	25	1	8

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 99/00.

* Includes all pedalcycle crashes - all ages of parties at fault, age of party at fault unknown, and fault not assigned.

8: PEDESTRIAN VICTIMS

Table 8-1
Leading Causes of Pedestrian Injuries by Age Group of Victim
City of San Diego Region

Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4	Pedestrian Violation 18	Pedestrian Right-of-Way 2†	Hazardous Parking 2†	*			29
5-9	Pedestrian Violation 35	Pedestrian Right-of-Way 5	*				50
10-14	Pedestrian Violation 21	Pedestrian Right-of-Way 7	Automobile Right-of-Way 2	*			36
15-19	Pedestrian Violation 13	Pedestrian Right-of-Way 8	Unsafe Speed 2	*			30
20-24	Pedestrian Right-of-Way 10	Pedestrian Violation 6†	Improper Turning 6†	Unsafe Speed 2†	Peds UI Alcohol/Drugs 2†	Other Than Driver 2†	34
25-34	Pedestrian Violation 21	Pedestrian Right-of-Way 9	Unsafe Speed 4	Peds UI Alcohol/Drugs 3	**		56
35-44	Pedestrian Violation 17	Pedestrian Right-of-Way 11	Unsafe Start/Backup 5	Improper Turning 4	Peds UI Alcohol/Drugs 3†	Automobile Right-of-Way 3†	62
45-54	Pedestrian Right-of-Way 16	Pedestrian Violation 14	Peds UI Alcohol/Drugs 6	Improper Turning 5	Automobile Right-of-Way 3	DUI Alcohol/Drugs 2	53
55-64	Pedestrian Right-of-Way 9	Unsafe Start/Backup 4	Pedestrian Violation 3	*			24
65-74	Pedestrian Violation 8	Pedestrian Right-of-Way 6	Automobile Right-of-Way 3	Unsafe Start/Backup 2	*		24
75-84	Pedestrian Right-of-Way 4	Pedestrian Violation 2†	Unsafe Start/Backup 2†	*			12
85+	Pedestrian Right-of-Way 4	Unsafe Start/Backup 3	*				10
All Ages	Pedestrian Violation 161	Pedestrian Right-of-Way 91	Unsafe Start/Backup 21†	Improper Turning 21†	**		424

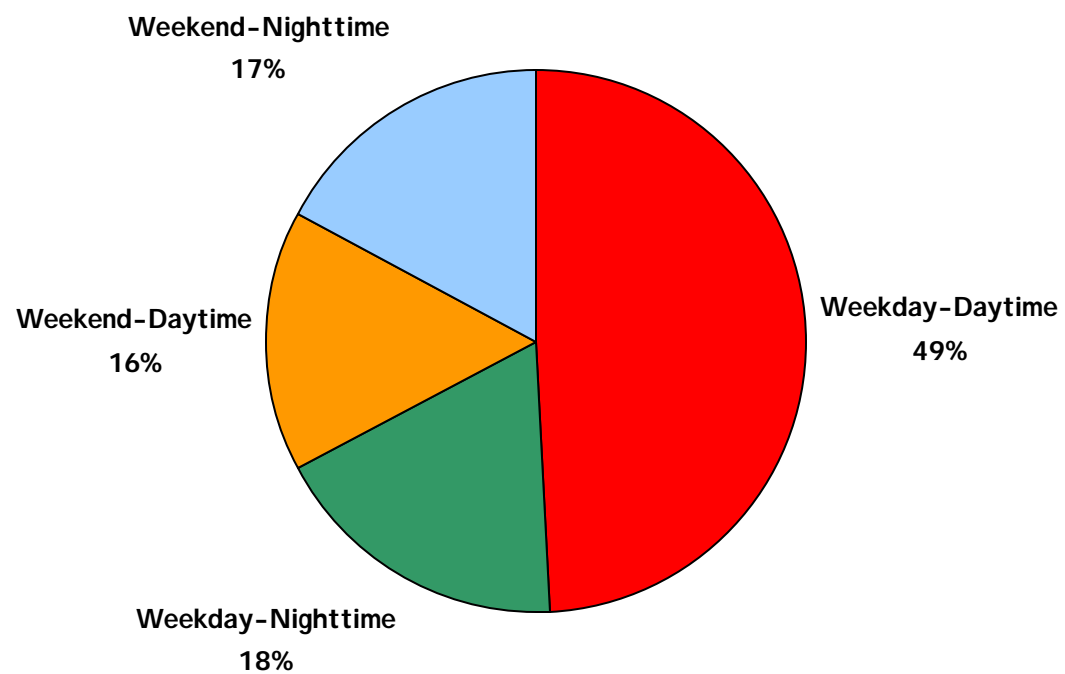
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single victim were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Figure 8.1
Pedestrian Crash Victims by Time of Week
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

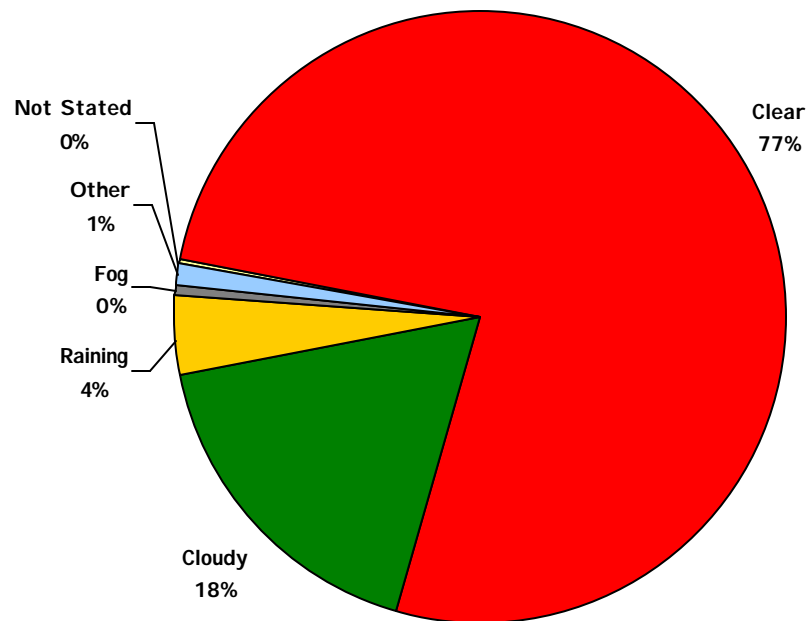
Table 8-2
Number of Pedestrian Victims Killed or Injured in Pedestrian Crashes
in the City of San Diego Region
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week								Total	
	Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
0 to 4	14	(48.28%)*	3	(10.34%)	7	(24.14%)	5	(17.24%)	29	(100.%)
5 to 9	26	(52.00%)	7	(14.00%)	10	(20.00%)	7	(14.00%)	50	(100.%)
10 to 14	22	(61.11%)	2	(5.56%)	9	(25.00%)	3	(8.33%)	36	(100.%)
15 to 19	15	(50.00%)	8	(26.67%)	2	(6.67%)	5	(16.67%)	30	(100.%)
20 to 24	14	(41.18%)	6	(17.65%)	4	(11.76%)	10	(29.41%)	34	(100.%)
25 to 34	21	(37.50%)	12	(21.43%)	8	(14.29%)	15	(26.79%)	56	(100.%)
35 to 44	31	(50.00%)	9	(14.52%)	11	(17.74%)	11	(17.74%)	62	(100.%)
45 to 54	28	(52.83%)	11	(20.75%)	4	(7.55%)	10	(18.87%)	53	(100.%)
55 to 64	8	(33.33%)	7	(29.17%)	5	(20.83%)	4	(16.67%)	24	(100.%)
65 to 74	12	(50.00%)	7	(29.17%)	3	(12.50%)	2	(8.33%)	24	(100.%)
75 to 84	9	(75.00%)	2	(16.67%)	1	(8.33%)	0	(0.00%)	12	(100.%)
85 and older	7	(70.00%)	0	(0.00%)	2	(20.00%)	1	(10.00%)	10	(100.%)
Not stated	1	(25.00%)	3	(75.00%)	0	(0.00%)	0	(0.00%)	4	(100.%)
Total	208	(49.06%)	77	(18.16%)	66	(15.57%)	73	(17.22%)	424	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 8.2
Pedestrian Crash Victims by First Weather Condition
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

Table 8-3
Number of Pedestrian Victims Killed or Injured in Pedestrian Crashes
in the City of San Diego Region
by Age of Victim and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Victim	Fault in Pedestrian Crash						Total	
	Pedestrian at Fault		Other Party at Fault		Fault Not Assigned			
1 to 4	19	(65.52%)*	7	(24.14%)	3	(10.34%)	29	(100.%)
5 to 9	26	(52.00%)	9	(18.00%)	15	(30.00%)	50	(100.%)
10 to 14	22	(61.11%)	8	(22.22%)	6	(16.67%)	36	(100.%)
15 to 19	12	(40.00%)	8	(26.67%)	10	(33.33%)	30	(100.%)
20 to 24	9	(26.47%)	14	(41.18%)	11	(32.35%)	34	(100.%)
25 to 34	24	(42.86%)	21	(37.50%)	11	(19.64%)	56	(100.%)
35 to 44	17	(27.42%)	20	(32.26%)	25	(40.32%)	62	(100.%)
45 to 54	21	(39.62%)	23	(43.40%)	9	(16.98%)	53	(100.%)
55 to 64	6	(25.00%)	10	(41.67%)	8	(33.33%)	24	(100.%)
65 to 74	9	(37.50%)	9	(37.50%)	6	(25.00%)	24	(100.%)
75 to 84	2	(16.67%)	8	(66.67%)	2	(16.67%)	12	(100.%)
85 and older	1	(10.00%)	5	(50.00%)	4	(40.00%)	10	(100.%)
Not stated	2	(50.00%)	0	(0.00%)	2	(50.00%)	4	(100.%)
Total	170	(40.09%)	142	(33.49%)	112	(26.42%)	424	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

9: PEDESTRIAN CRASHES

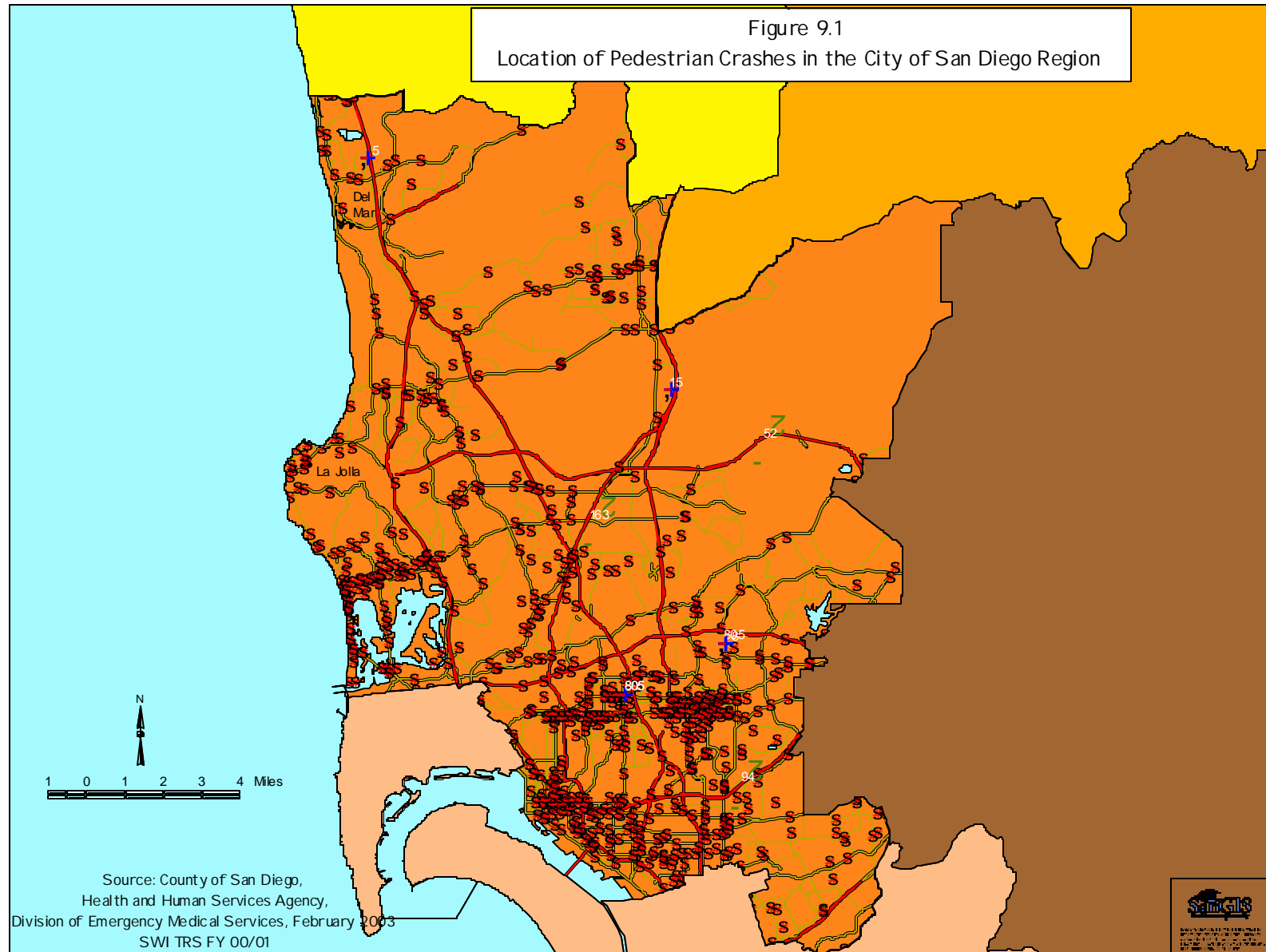


Table 9-1
Leading Violation Categories in Pedestrian Crashes by Age of Party at Fault
City of San Diego Region

Age of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
0-4	Pedestrian Violation 15	*					17
5-9	Pedestrian Violation 23	§					25
10-14	Pedestrian Violation 20	§					22
15-19	Pedestrian Violation 10	Pedestrian Right-of-Way 6	Unsafe Speed 4	*			23
20-24	Pedestrian Violation 5	Pedestrian Right-of-Way 2†	Unsafe Start/Backup 2†	Unsafe Speed 2†	Peds UI Alcohol/Drugs 2†	*	16
25-34	Pedestrian Violation 19	Pedestrian Right-of-Way 9	Automobile Right-of-Way 5	Peds UI Alcohol/Drugs 3	**		47
35-44	Pedestrian Violation 13	Pedestrian Right-of-Way 11	Peds UI Alcohol/Drugs 3	Automobile Right-of-Way 2†	Other Hazardous Viol. 2†	*	37
45-54	Pedestrian Violation 13	Pedestrian Right-of-Way 9	Peds UI Alcohol/Drugs 5	Unsafe Start/Backup 4	Improper Turning 3	Traffic Signals & Signs 2	38
55-64	Pedestrian Violation 5	Pedestrian Right-of-Way 4	Unsafe Start/Backup 2	*			14
65-74	Pedestrian Violation 6	Automobile Right-of-Way 2	*				12
75-84	Pedestrian Violation 2†	Pedestrian Right-of-Way 2†	*				7
85+	*						2
All Crashes	Pedestrian Violation 160	Pedestrian Right-of-Way 83	Improper Turning 20	Unsafe Start/Backup 19	Unsafe Speed 15†	Peds UI Alcohol/Drugs 15†	405

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

** Multiple violation categories with the same number of crashes were not listed due to space limitations.

† Tie

§ Violation category unknown for other crashes.

Table 9-1A
Leading Violation Categories in Pedestrian Injury Crashes
in the City of San Diego Region
by Age of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
0 to 4	Pedestrian Violation (3)	Pedestrian Violation (4)	Pedestrian Violation (7)	*	*	**	**	**	**
			*						
# PAF 1-4	3	4	8	1	1	0	0	0	0
5 to 9	Pedestrian Violation (6)	Pedestrian Violation (6)	Pedestrian Violation (7)	Pedestrian Violation (2)	*	**	§	**	*
# PAF 5-9	6	6	7	2	1	0	1	0	2
10 to 14	Pedestrian Violation (4)	Pedestrian Violation (6)	Pedestrian Violation (5)	**	Pedestrian Violation (2)	**	Pedestrian Violation (3)	**	**
	§								
# PAF 10-14	6	6	5	0	2	0	3	0	0
15 to 19	Pedestrian ROW† (2)	*	Pedestrian Violation (2)	Pedestrian Violation (3)	Tie: Pedestrian Violation & Unsafe Speed (2)	**	Pedestrian Violation (2)	**	**
	*		*	*			*		
					*				
# PAF 15-19	4	3	3	5	5	0	3	0	0
20 to 24	*	*	**	*	*	**	*	**	**
# PAF 20-24	5	2	0	1	4	0	4	0	0
25 to 34	Pedestrian Violation (4)	Pedestrian Violation (2)	Pedestrian ROW† (4)	Pedestrian Violation (6)	Pedestrian Violation (2)	*	*	**	*
	Auto ROW† (3)	*	Pedestrian Violation (2)	*	*				
	Tie: DUI & Peds UI Alcohol/Drugs (2)		*						
# PAF 25-34	15	4	8	9	5	1	2	0	3

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Table 9-1A (Continued)
Leading Violation Categories in Pedestrian Injury Crashes
in the City of San Diego Region
by Age of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
35 to 44	Pedestrian Violation (5)	Pedestrian Violation (3)	*	Pedestrian ROW† (3)	*	*	Pedestrian Violation (2)	*	*
	Pedestrian ROW† (4)	*		*			*		
	*								
# PAF 35-44	14	4	3	5	3	1	5	1	1
45 to 54	Pedestrian ROW† (5)	Pedestrian Violation (3)	Tie: Pedestrian Violation & Peds	Pedestrian Violation (3)	Pedestrian Violation (3)	**	*	**	**
	Peds UI Alcohol/ Drugs (3)	*	UI Alcohol/ Drugs (2)	Pedestrian ROW† (2)	*				
	Tie: Pedestrian Violation & Unsafe Start/ Backup (2)		*	*					
# PAF 45-54	13	4	8	6	6	0	1	0	0
55 to 64	Pedestrian ROW† (2)	**	Pedestrian Violation (2)	Pedestrian Violation (2)	§	**	*	**	*
	*		*	*					
# PAF 55-64	5	0	3	3	1	0	1	0	1
65 to 74	Tie: Auto ROW† & Pedestrian Violation (2)	**	*	Pedestrian Violation (2)	**	*	**	**	*
				*					
	*								
# PAF 65-74	6	0	1	3	0	1	0	0	1
75 to 84	*	**	*	Pedestrian ROW† (2)	**	*	**	**	**
# PAF 75-84	3	0	1	2	0	1	0	0	0

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Table 9-1A (Continued)
Leading Violation Categories in Pedestrian Injury Crashes
in the City of San Diego Region
by Age of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault (PAF)	Subregional Area Within the City of San Diego Region								
	Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
85 and older	*	**	*	**	**	**	**	**	**
# PAF 85+	1	0	1	0	0	0	0	0	0
Fault Not Assigned (FNA)	Pedestrian ROW† (8)	Pedestrian Violation (2)	Tie: Pedestrian Violation & Pedestrian ROW† (10)	Pedestrian Violation (2)	Pedestrian Violation (3)	Pedestrian ROW† (3)	*	*	§
	Other Than Driver/ Ped (4)	*	*	*	Impr Turn (2)	*			
	Pedestrian Violation (3)		*		*				
# FNA	30	9	31	7	14	7	4	1	2
All Pedestrian Crashes ***	Pedestrian Violation (34)	Pedestrian Violation (29)	Pedestrian Violation (41)	Pedestrian Violation (22)	Pedestrian Violation (15)	Pedestrian ROW† (4)	Pedestrian Violation (11)	*	Pedestrian Violation (5)
	Pedestrian ROW† (28)	Pedestrian ROW† (3)	Pedestrian ROW† (19)	Pedestrian ROW† (10)	Pedestrian ROW† (12)	Pedestrian Violation (3)	Pedestrian ROW† (5)		*
	Tie: Unsafe Start/ Backup & Peds UI Alcohol/ Drugs (7)	Unsafe Start/ Backup (2)	Unsafe Start/ Backup (5)	Impr Turn (4)	Impr Turn (4)	*	4-way Tie (2)		
# Pedestrian Crashes ***	122	47	88	46	49	11	28	3	11

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

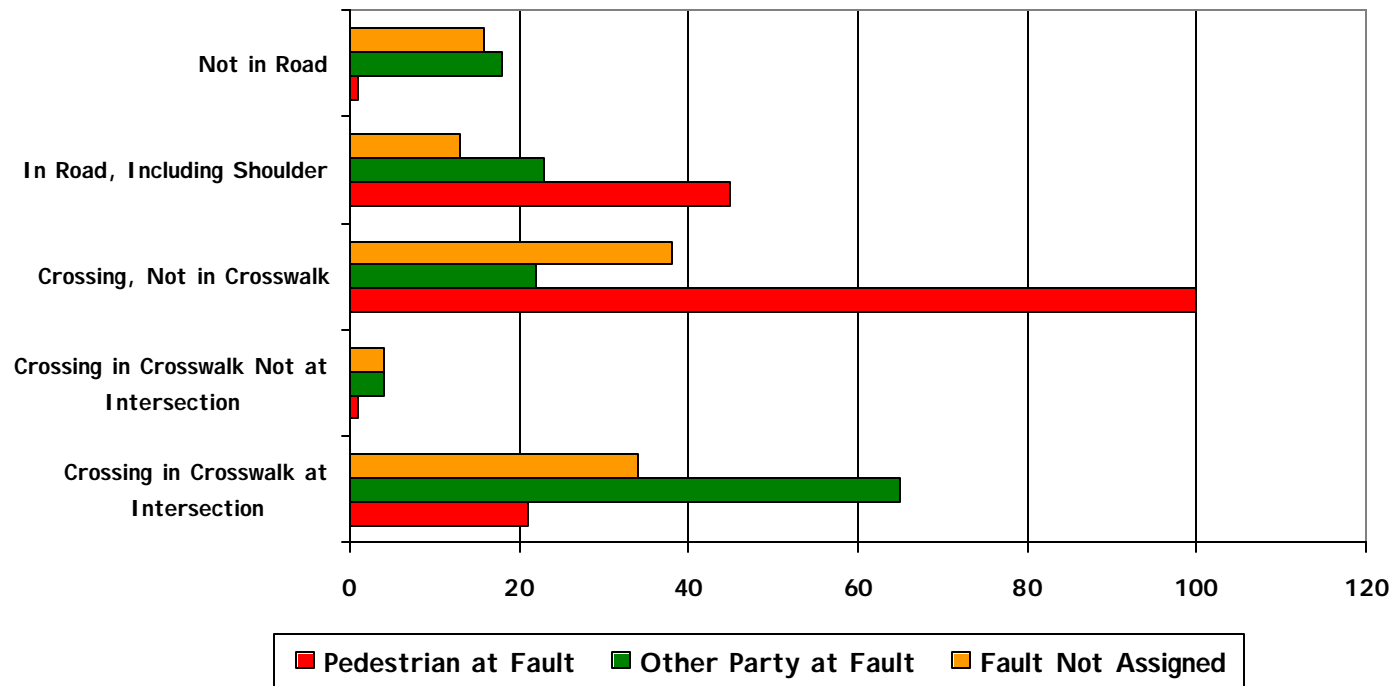
** There were no crashes for this age group.

*** Includes all pedestrian crashes - all ages of parties at fault, age of party at fault unknown, and fault not assigned.

† Right-of-Way

§ Violation category unknown for other crashes.

Figure 9.2
Pedestrian Action by Type of Party at Fault
City of San Diego Region



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01

Table 9-2a
Number of Pedestrian Crashes in the City of San Diego Region
by Age of Party at Fault and Pedestrian Action
In Crashes Where the Pedestrian Was at Fault†
July 1, 2000 to June 30, 2001

Age of Party at Fault	Pedestrian Action					Total
	Crossing in Crosswalk at Intersection	Crossing in Crosswalk Not at Intersection	Crossing, Not in Crosswalk	In Road, Including Shoulder	Not in Road	
Not Stated	2 (33.33%)*	0 (0.00%)	1 (16.67%)	3 (50.00%)	0 (0.00%)	6 (100.%)
0 to 4	0 (0.00%)	0 (0.00%)	11 (64.71%)	5 (29.41%)	1 (5.88%)	17 (100.%)
5 to 9	1 (4.00%)	0 (0.00%)	20 (80.00%)	4 (16.00%)	0 (0.00%)	25 (100.%)
10 to 14	4 (18.18%)	0 (0.00%)	16 (72.73%)	2 (9.09%)	0 (0.00%)	22 (100.%)
15 to 19	1 (9.09%)	0 (0.00%)	7 (63.64%)	3 (27.27%)	0 (0.00%)	11 (100.%)
20 to 24	2 (22.22%)	0 (0.00%)	3 (33.33%)	4 (44.44%)	0 (0.00%)	9 (100.%)
25 to 34	1 (4.17%)	0 (0.00%)	12 (50.00%)	11 (45.83%)	0 (0.00%)	24 (100.%)
35 to 44	4 (23.53%)	0 (0.00%)	9 (52.94%)	4 (23.53%)	0 (0.00%)	17 (100.%)
45 to 54	2 (10.53%)	1 (5.26%)	11 (57.89%)	5 (26.32%)	0 (0.00%)	19 (100.%)
55 to 64	1 (16.67%)	0 (0.00%)	2 (33.33%)	3 (50.00%)	0 (0.00%)	6 (100.%)
65 to 74	1 (11.11%)	0 (0.00%)	7 (77.78%)	1 (11.11%)	0 (0.00%)	9 (100.%)
75 to 84	2 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (100.%)
85 and older	0 (0.00%)	0 (0.00%)	1 (100.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
Total	21 (12.50%)	1 (0.60%)	100 (59.52%)	45 (26.79%)	1 (0.60%)	168 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

†There were 132 crashes where the other party was at fault and 105 crashes where fault was not assigned.

Table 9-2b
Number of Pedestrian Crashes in the City of San Diego Region
by Age of Party at Fault and Pedestrian Action
In Crashes Where the Other Party Was at Fault†
July 1, 2000 to June 30, 2001

Age of Party at Fault	Pedestrian Action					Total
	Crossing in Crosswalk at Intersection	Crossing in Crosswalk Not at Intersection	Crossing, Not in Crosswalk	In Road, Including Shoulder	Not in Road	
Not Stated	18 (52.94%)*	0 (0.00%)	6 (17.65%)	5 (14.71%)	5 (14.71%)	34 (100.%)
0 to 4	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
5 to 9	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
10 to 14	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)
15 to 19	4 (33.33%)	2 (16.67%)	1 (8.33%)	2 (16.67%)	3 (25.00%)	12 (100.%)
20 to 24	2 (28.57%)	1 (14.29%)	1 (14.29%)	2 (28.57%)	1 (14.29%)	7 (100.%)
25 to 34	13 (56.52%)	0 (0.00%)	6 (26.09%)	1 (4.35%)	3 (13.04%)	23 (100.%)
35 to 44	11 (55.00%)	0 (0.00%)	4 (20.00%)	3 (15.00%)	2 (10.00%)	20 (100.%)
45 to 54	11 (57.89%)	0 (0.00%)	1 (5.26%)	3 (15.79%)	4 (21.05%)	19 (100.%)
55 to 64	3 (37.50%)	0 (0.00%)	2 (25.00%)	3 (37.50%)	0 (0.00%)	8 (100.%)
65 to 74	0 (0.00%)	1 (33.33%)	0 (0.00%)	2 (66.67%)	0 (0.00%)	3 (100.%)
75 to 84	3 (60.00%)	0 (0.00%)	1 (20.00%)	1 (20.00%)	0 (0.00%)	5 (100.%)
85 and older	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.00%)	0 (0.00%)	1 (100.%)
Total	65 (49.24%)	4 (3.03%)	22 (16.67%)	23 (17.42%)	18 (13.64%)	132 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

†There were 168 crashes where the pedestrian was at fault and 105 crashes where fault was not assigned.

Table 9-3
Number of Pedestrian Crashes in the City of San Diego Region
by Age of Party at Fault and First Weather Condition
July 1, 2000 to June 30, 2001

Age of Party at Fault	First Weather Condition						Total
	Not Stated	Clear	Cloudy	Raining	Fog	Other	
Not Stated	0 (0.00%)*	32 (80.00%)	6 (15.00%)	1 (2.50%)	0 (0.00%)	1 (2.50%)	40 (100.%)
1 to 4	0 (0.00%)	12 (70.59%)	5 (29.41%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	17 (100.%)
5 to 9	0 (0.00%)	16 (64.00%)	9 (36.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	25 (100.%)
10 to 14	0 (0.00%)	18 (81.82%)	4 (18.18%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	22 (100.%)
15 to 19	0 (0.00%)	14 (60.87%)	7 (30.43%)	1 (4.35%)	0 (0.00%)	1 (4.35%)	23 (100.%)
20 to 24	0 (0.00%)	10 (62.50%)	4 (25.00%)	1 (6.25%)	1 (6.25%)	0 (0.00%)	16 (100.%)
25 to 34	0 (0.00%)	33 (70.21%)	7 (14.89%)	6 (12.77%)	1 (2.13%)	0 (0.00%)	47 (100.%)
35 to 44	0 (0.00%)	32 (86.49%)	4 (10.81%)	1 (2.70%)	0 (0.00%)	0 (0.00%)	37 (100.%)
45 to 54	0 (0.00%)	31 (81.58%)	6 (15.79%)	1 (2.63%)	0 (0.00%)	0 (0.00%)	38 (100.%)
55 to 64	0 (0.00%)	11 (78.57%)	0 (0.00%)	2 (14.29%)	0 (0.00%)	1 (7.14%)	14 (100.%)
65 to 74	0 (0.00%)	10 (83.33%)	2 (16.67%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	12 (100.%)
75 to 84	0 (0.00%)	5 (71.43%)	1 (14.29%)	1 (14.29%)	0 (0.00%)	0 (0.00%)	7 (100.%)
85 and older	0 (0.00%)	1 (50.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (50.00%)	2 (100.%)
Fault Not Assigned	1 (0.95%)	82 (78.10%)	18 (17.14%)	3 (2.86%)	0 (0.00%)	1 (0.95%)	105 (100.%)
Total	1 (0.25%)	307 (75.80%)	73 (18.02%)	17 (4.20%)	2 (0.49%)	5 (1.23%)	405 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 9-4
Number of Pedestrian Crashes in the City of San Diego Region
by Age and Gender of Party at Fault and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Party at Fault	Fault in Pedestrian Crash†							
	Pedestrian at Fault				Other Party at Fault			
	Gender of Party at Fault††				Gender of Party at Fault††			
	Male		Female		Male		Female	
Not Stated	4	(2.38%)*	2	(1.19%)	0	(0.00%)	1	(1.01%)
0 to 4	13	(7.74%)	4	(2.38%)	0	(0.00%)	0	(0.00%)
5 to 9	21	(12.50%)	4	(2.38%)	0	(0.00%)	0	(0.00%)
10 to 14	15	(8.93%)	7	(4.17%)	0	(0.00%)	0	(0.00%)
15 to 19	8	(4.76%)	3	(1.79%)	8	(8.08%)	4	(4.04%)
20 to 24	9	(5.36%)	0	(0.00%)	4	(4.04%)	3	(3.03%)
25 to 34	20	(11.90%)	4	(2.38%)	13	(13.13%)	10	(10.10%)
35 to 44	8	(4.76%)	9	(5.36%)	11	(11.11%)	9	(9.09%)
45 to 54	12	(7.14%)	7	(4.17%)	14	(14.14%)	5	(5.05%)
55 to 64	6	(3.57%)	0	(0.00%)	6	(6.06%)	2	(2.02%)
65 to 74	5	(2.98%)	4	(2.38%)	3	(3.03%)	0	(0.00%)
75 to 84	2	(1.19%)	0	(0.00%)	1	(1.01%)	4	(4.04%)
85 and older	1	(0.60%)	0	(0.00%)	1	(1.01%)	0	(0.00%)
Total	124	(73.81%)	44	(26.19%)	61	(61.62%)	38	(38.38%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are age and gender percents.

†Fault was not assigned in 105 crashes.

††Gender of party at fault was not stated for 33 other parties.

Table 9-4A
Number of Pedestrian Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
0 to 4	Pedestrian at Fault	3	4	8	1	1	0	0	0	0
	Total	3	4	8	1	1	0	0	0	0
5 to 9	Pedestrian at Fault	6	6	7	2	1	0	1	0	2
	Total	6	6	7	2	1	0	1	0	2
10 to 14	Pedestrian at Fault	6	6	5	0	2	0	3	0	0
	Total									
15 to 19	Pedestrian at Fault	0	1	2	3	3	0	2	0	0
	Other Party at Fault	4	2	1	2	2	0	1	0	0
	Total	4	3	3	5	5	0	3	0	0
20 to 24	Pedestrian at Fault	3	1	0	1	2	0	2	0	0
	Other Party at Fault	2	1	0	0	2	0	2	0	0
	Total	5	2	0	1	4	0	4	0	0
25 to 34	Pedestrian at Fault	7	3	2	6	3	1	1	0	1
	Other Party at Fault	8	1	6	3	2	0	1	0	2
	Total	15	4	8	9	5	1	2	0	3

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Table 9-4A (Continued)
Number of Pedestrian Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
35 to 44	Pedestrian at Fault	8	2	2	0	1	0	3	0	1
	Other Party at Fault	6	2	1	5	2	1	2	1	0
	Total	14	4	3	5	3	1	5	1	1
45 to 54	Pedestrian at Fault	5	4	4	3	3	0	0	0	0
	Other Party at Fault	8	0	4	3	3	0	1	0	0
	Total	13	4	8	6	6	0	1	0	0
55 to 64	Pedestrian at Fault	1	0	2	2	1	0	0	0	0
	Other Party at Fault	4	0	1	1	0	0	1	0	1
	Total	5	0	3	3	1	0	1	0	1
65 to 74	Pedestrian at Fault	5	0	1	2	0	0	0	0	1
	Other Party at Fault	1	0	0	1	0	1	0	0	0
	Total	6	0	1	3	0	1	0	0	1
75 to 84	Pedestrian at Fault	0	0	1	0	0	1	0	0	0
	Other Party at Fault	3	0	0	2	0	0	0	0	0
	Total	3	0	1	2	0	1	0	0	0

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Table 9-4A (Continued)
Number of Pedestrian Crashes in the City of San Diego Region
by Age of Party at Fault, Type of Party at Fault and Subregional Area Within the City of San Diego Region
July 1, 2000 to June 30, 2001

Age of Party at Fault	Type of Party at Fault	Subregional Area Within the City of San Diego Region								
		Central San Diego	Southeast San Diego	Mid City	Kearny Mesa	Coastal	University	Del Mar-Mira Mesa	Miramar	Elliott-Navajo
85 and older	Pedestrian at Fault	1	0	0	0	0	0	0	0	0
	Other Party at Fault	0	0	1	0	0	0	0	0	0
	Total	1	0	1	0	0	0	0	0	0
Not Stated	Pedestrian at Fault	1	1	1	0	0	0	1	1	1
	Other Party at Fault	10	4	8	2	7	0	3	0	0
	Total	11	5	9	2	7	0	4	1	1
All Pedestrian Crashes*	Pedestrian at Fault	46	28	35	20	17	2	13	1	6
	Other Party at Fault	46	10	22	19	18	2	11	1	3
	Fault Not Assigned	30	9	31	7	14	7	4	1	2
	Total	122	47	88	46	49	11	28	3	11

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Includes all pedestrian crashes - all ages of parties at fault, age of party at fault not stated and fault not assigned.



REPORT OF FATAL AND INJURY TRAFFIC COLLISIONS

* * * *

COUNTY OF SAN DIEGO

Fiscal Year 2000 - 2001

Produced by the County of San Diego, Health and Human Services Agency,
Division of Emergency Medical Services, February 2003

Funding for this program was provided by a grant from the California Office of Traffic Safety
through the Business, Transportation & Housing Agency

1: OVERVIEW

Table 1-1
Number of Victims Killed or Injured in Crashes in the County of San Diego
by Type of Crash and Type of Victim
July 1, 2000 to June 30, 2001

Type of Crash	Type of Victim								Total	
	Motor Vehicle Occupant	Motorcyclist	Pedestrian	Pedalcyclist	Other					
Motor Vehicle Occupant	20847† (99.86%)*	0 (0.00%)	27 (0.13%)	1 (0.00%)	2 (0.01%)				20877	(100.%)
Motorcycle	57 (5.99%)	892† (93.80%)	2 (0.21%)	0 (0.00%)	0 (0.00%)				951	(100.%)
Pedalcycle	15 (1.96%)	0 (0.00%)	10 (1.30%)	742† (96.74%)	0 (0.00%)				767	(100.%)
Pedestrian	29 (2.55%)	9 (0.79%)	1097† (96.57%)	1 (0.09%)	0 (0.00%)				1136	(100.%)
Other	15 (8.11%)	0 (0.00%)	35 (18.92%)	128 (69.19%)	7 (3.78%)				185	(100.%)
Total	20963 (87.65%)	901 (3.77%)	1171 (4.90%)	872 (3.65%)	9 (0.04%)				23916	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

†These are the victims included in the tables in sections 2, 4, 6, and 8.

Table 1-2
Number of Victims Killed or Injured in Traffic Crashes in the County of San Diego
by Type of Crash and Severity of Injury
July 1, 2000 to June 30, 2001

Type of Crash	Severity of Injury						Total	
	Killed	Severe Injury	Other Visible Injury	Complaint of Pain				
Motor Vehicle Occupant	184 (0.88%)*	675 (3.23%)	5393 (25.83%)	14625 (70.05%)			20877	(100.%)
Motorcycle	32 (3.36%)	144 (15.14%)	501 (52.68%)	274 (28.81%)			951	(100.%)
Pedalcycle	4 (0.52%)	60 (7.82%)	474 (61.80%)	229 (29.86%)			767	(100.%)
Pedestrian	67 (5.90%)	136 (11.97%)	501 (44.10%)	432 (38.03%)			1136	(100.%)
Other	5 (2.70%)	22 (11.89%)	116 (62.70%)	42 (22.70%)			185	(100.%)
Total	292 (1.22%)	1037 (4.34%)	6985 (29.21%)	15602 (65.24%)			23916	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

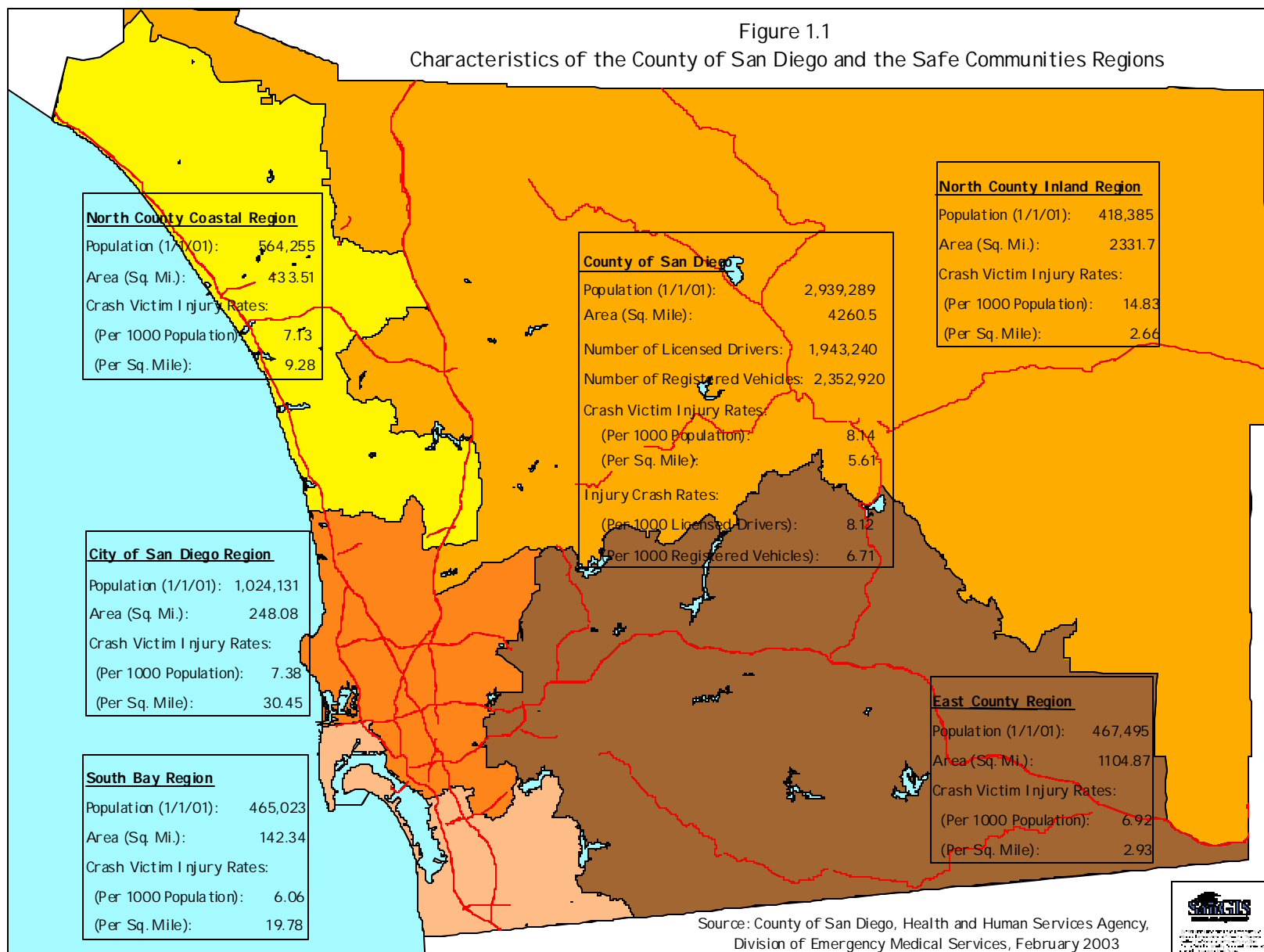


Table 1-3
Number of Fatal or Injury Crashes in the County of San Diego
by Type of Crash and Safe Communities Regions
July 1, 2000 to June 30, 2001

Type of Crash	Safe Communities Regions										Total			
	City of San Diego Region		North County Coastal Region		North County Inland Region		South Bay Region		East County Region				Unknown	
Motor Vehicle Occupant	4124	(81.29%)*	2265	(85.31%)	3324	(82.22%)	1511	(82.43%)	1731	(81.50%)	49	(84.48%)	13004	(82.38%)
Motorcycle	226	(4.45%)	116	(4.37%)	269	(6.65%)	67	(3.66%)	138	(6.50%)	4	(6.90%)	820	(5.19%)
Pedalcycle	245	(4.83%)	133	(5.01%)	170	(4.20%)	87	(4.75%)	102	(4.80%)	1	(1.72%)	738	(4.68%)
Pedestrian	405	(7.98%)	120	(4.52%)	236	(5.84%)	151	(8.24%)	132	(6.21%)	3	(5.17%)	1047	(6.63%)
Other	73	(1.44%)	21	(0.79%)	44	(1.09%)	17	(0.93%)	21	(0.99%)	1	(1.72%)	177	(1.12%)
Total	5073	(100.%)	2655	(100.%)	4043	(100.%)	1833	(100.%)	2124	(100.%)	58	(100.%)	15786	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are column percents.

Table 1-4
Number of Victims Killed or Injured in Crashes in the County of San Diego
by Type of Crash and Safe Communities Regions
July 1, 2000 to June 30, 2001

Type of Crash	Safe Communities Regions										Total			
	City of San Diego Region		North County Coastal Region		North County Inland Region		South Bay Region		East County Region				Unknown	
Motor Vehicle Occupant	6540	(86.58%)*	3597	(89.37%)	5407	(87.13%)	2469	(87.68%)	2793	(86.34%)	71	(88.75%)	20877	(87.29%)
Motorcycle	251	(3.32%)	132	(3.28%)	323	(5.20%)	79	(2.81%)	162	(5.01%)	4	(5.00%)	951	(3.98%)
Pedalcycle	253	(3.35%)	138	(3.43%)	177	(2.85%)	90	(3.20%)	108	(3.34%)	1	(1.25%)	767	(3.21%)
Pedestrian	436	(5.77%)	134	(3.33%)	251	(4.04%)	161	(5.72%)	151	(4.67%)	3	(3.75%)	1136	(4.75%)
Other	74	(0.98%)	24	(0.60%)	48	(0.77%)	17	(0.60%)	21	(0.65%)	1	(1.25%)	185	(0.77%)
Total	7554	(100.%)	4025	(100.%)	6206	(100.%)	2816	(100.%)	3235	(100.%)	80	(100.%)	23916	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are column percents.

2: MOTOR VEHICLE OCCUPANT VICTIMS

Table 2-1
Leading Causes of Motor Vehicle Occupant Injuries by Age Group of Victim
County of San Diego

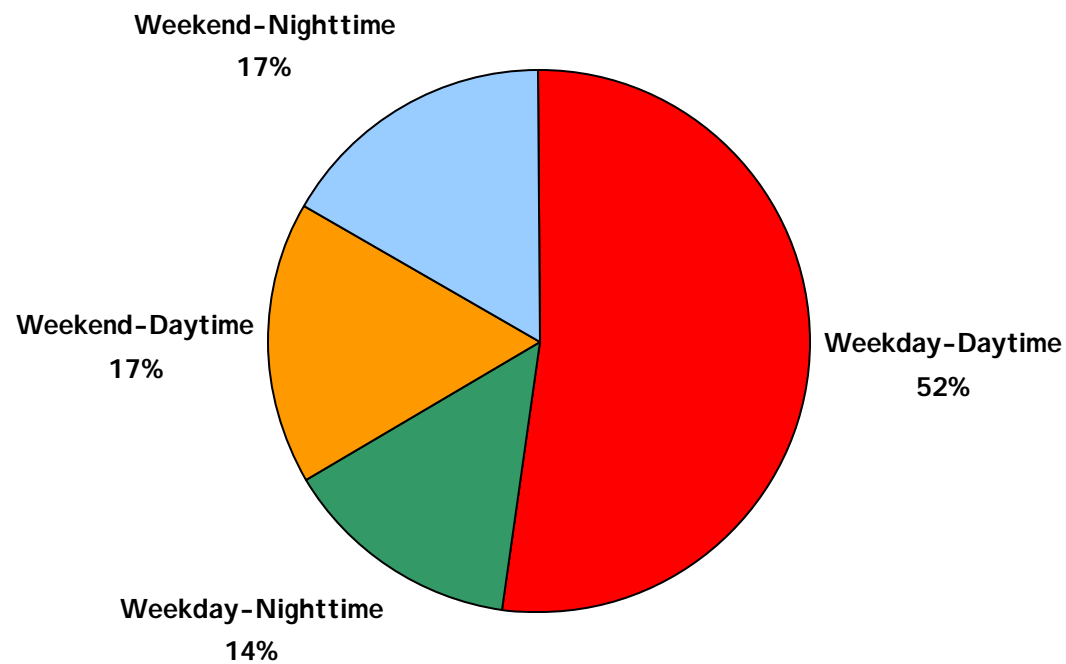
Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4	Unsafe Speed 74	Automobile Right-of-Way 64	Improper Turning 45	Traffic Signals & Signs 37	DUI Alcohol/Drugs 13	**	292
5-9	Unsafe Speed 198	Automobile Right-of-Way 107	Traffic Signals & Signs 77	Improper Turning 54	DUI Alcohol/Drugs 41	Following Too Closely 26	618
10-14	Unsafe Speed 215	Automobile Right-of-Way 111	Traffic Signals & Signs 86	Improper Turning 69	DUI Alcohol/Drugs 41	Following Too Closely 40	652
15-19	Unsafe Speed 910	Improper Turning 444	Automobile Right-of-Way 432	DUI Alcohol/Drugs 284	Traffic Signals & Signs 267	Unsafe Lane Change 97	2831
20-24	Unsafe Speed 909	DUI Alcohol/Drugs 565	Improper Turning 491	Automobile Right-of-Way 481	Traffic Signals & Signs 264	Following Too Closely 116	3242
25-34	Unsafe Speed 1325	Automobile Right-of-Way 619	DUI Alcohol/Drugs 522	Improper Turning 507	Traffic Signals & Signs 367	Following Too Closely 173	4020
35-44	Unsafe Speed 1231	Automobile Right-of-Way 522	Improper Turning 379	Traffic Signals & Signs 378	DUI Alcohol/Drugs 371	Following Too Closely 165	3540
45-54	Unsafe Speed 954	Automobile Right-of-Way 381	Improper Turning 288	Traffic Signals & Signs 271	DUI Alcohol/Drugs 200	Following Too Closely 110	2592
55-64	Unsafe Speed 446	Automobile Right-of-Way 202	Traffic Signals & Signs 163	Improper Turning 132	DUI Alcohol/Drugs 107	Following Too Closely 59	1294
65-74	Unsafe Speed 267	Automobile Right-of-Way 168	Traffic Signals & Signs 110	Improper Turning 82	DUI Alcohol/Drugs 52	Wrong Side of Road 26	812
75-84	Unsafe Speed 156	Automobile Right-of-Way 152	Traffic Signals & Signs 88	Improper Turning 63	Following Too Closely 18†	Wrong Side of Road 18†	576
85+	Automobile Right-of-Way 50	Unsafe Speed 42	Improper Turning 22	Traffic Signals & Signs 11	**		149
All Ages	Unsafe Speed 6781	Automobile Right-of-Way 3332	Improper Turning 2609	DUI Alcohol/Drugs 2234	Traffic Signals & Signs 2141	Following Too Closely 828	20847

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Figure 2.1
Motor Vehicle Occupant Crash Victims by Time of Week
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 2-2
Number of Motor Vehicle Occupant Victims Killed or Injured
in Motor Vehicle Occupant Crashes in the County of San Diego
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

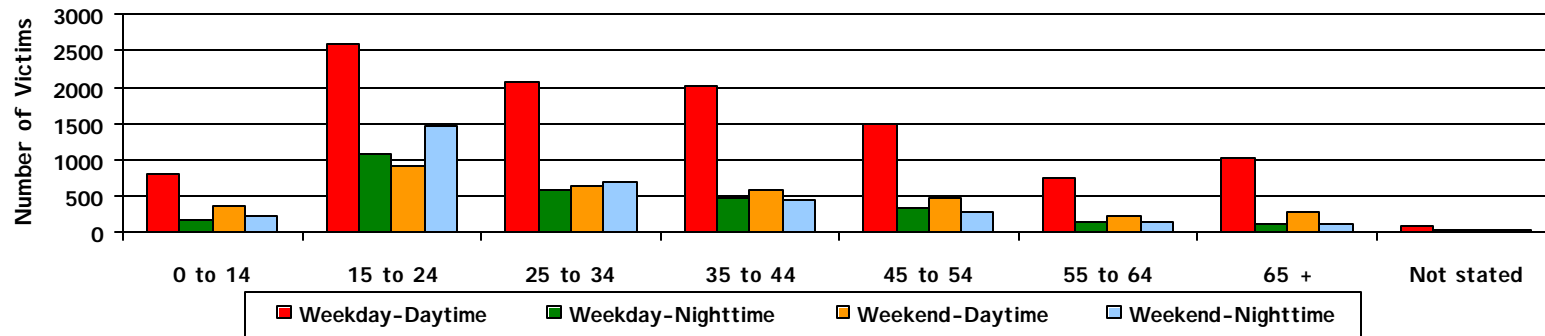
Age of Victim	Time of Week										Total	
	Not Stated		Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
0 to 4	0	(0.00%)*	153	(52.40%)	27	(9.25%)	78	(26.71%)	34	(11.64%)	292	(100.%)
5 to 9	1	(0.16%)	319	(51.62%)	70	(11.33%)	143	(23.14%)	85	(13.75%)	618	(100.%)
10 to 14	0	(0.00%)	338	(51.84%)	66	(10.12%)	143	(21.93%)	105	(16.10%)	652	(100.%)
15 to 19	3	(0.11%)	1239	(43.77%)	482	(17.03%)	432	(15.26%)	675	(23.84%)	2831	(100.%)
20 to 24	0	(0.00%)	1356	(41.83%)	599	(18.48%)	499	(15.39%)	788	(24.31%)	3242	(100.%)
25 to 34	2	(0.05%)	2075	(51.62%)	594	(14.78%)	644	(16.02%)	705	(17.54%)	4020	(100.%)
35 to 44	2	(0.06%)	2005	(56.64%)	482	(13.62%)	590	(16.67%)	461	(13.02%)	3540	(100.%)
45 to 54	1	(0.04%)	1500	(57.87%)	331	(12.77%)	481	(18.56%)	279	(10.76%)	2592	(100.%)
55 to 64	1	(0.08%)	760	(58.73%)	153	(11.82%)	237	(18.32%)	143	(11.05%)	1294	(100.%)
65 to 74	0	(0.00%)	510	(62.81%)	82	(10.10%)	144	(17.73%)	76	(9.36%)	812	(100.%)
75 to 84	1	(0.17%)	407	(70.66%)	27	(4.69%)	106	(18.40%)	35	(6.08%)	576	(100.%)
85 and older	2	(1.34%)	101	(67.79%)	10	(6.71%)	26	(17.45%)	10	(6.71%)	149	(100.%)
Not stated	0	(0.00%)	104	(45.41%)	30	(13.10%)	44	(19.21%)	51	(22.27%)	229	(100.%)
Total	13	(0.06%)	10867	(52.13%)	2953	(14.17%)	3567	(17.11%)	3447	(16.53%)	20847	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 2.2

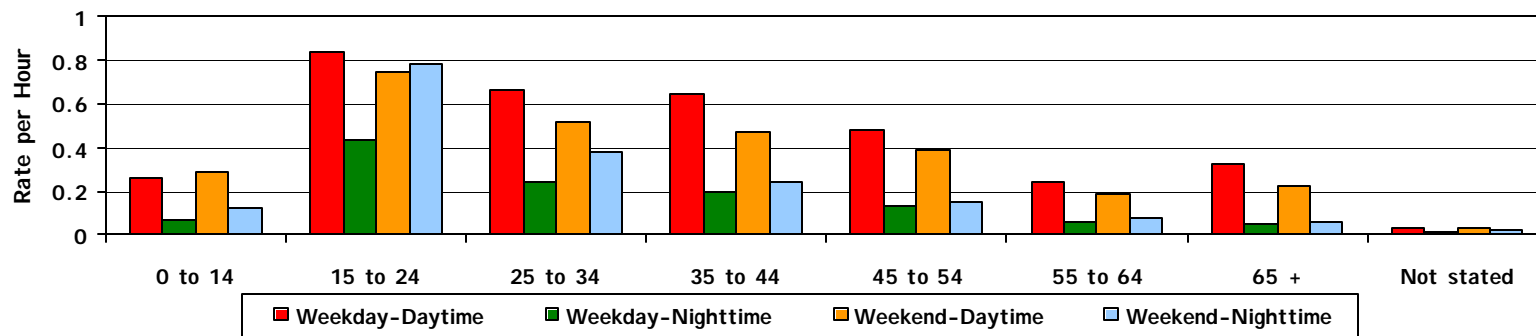
Motor Vehicle Occupant Crash Victims by Time of Week and Age of Victim
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Figure 2.3

Motor Vehicle Occupant Victim Rates Per Hour by Time of Week and Age of Victim
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 2-3
Number of Motor Vehicle Occupant Victims Killed or Injured in
Motor Vehicle Occupant Crashes in the County of San Diego
by Type of Collision and Severity of Injury
July 1, 2000 to June 30, 2001

Type of Collision	Severity of Injury								Total	
	Killed		Severe Injury		Other Visible Injury		Complaint of Pain			
Not Stated	1	(33.33%)*	0	(0.00%)	0	(0.00%)	2	(66.67%)	3	(100.%)
Head-on	25	(1.68%)	119	(8.01%)	439	(29.56%)	902	(60.74%)	1485	(100.%)
Sideswipe	8	(0.53%)	32	(2.10%)	393	(25.82%)	1089	(71.55%)	1522	(100.%)
Rear-end	23	(0.28%)	92	(1.12%)	1259	(15.37%)	6815	(83.22%)	8189	(100.%)
Broadside	48	(0.79%)	139	(2.30%)	1542	(25.49%)	4321	(71.42%)	6050	(100.%)
Hit Object	67	(2.29%)	242	(8.26%)	1412	(48.21%)	1208	(41.24%)	2929	(100.%)
Overtuned	4	(0.89%)	32	(7.11%)	257	(57.11%)	157	(34.89%)	450	(100.%)
Other	5	(2.28%)	15	(6.85%)	74	(33.79%)	125	(57.08%)	219	(100.%)
Total	181	(0.87%)	671	(3.22%)	5376	(25.79%)	14619	(70.13%)	20847	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 2-4
Number of Motor Vehicle Occupant Victims Killed or Injured in Motor Vehicle Occupant Crashes
in the County of San Diego
by Age of Victim and Safety Equipment Used
July 1, 2000 to June 30, 2001

Age of Victim	Safety Equipment Used										Total
	Active Restraint - Used	Active Restraint - Not Used	Passive Restraint - Used/ Deployed	Passive Restraint-Not Used/ Deployed	Child Restraint - Used	Child Restraint - Not Used	Child Restraint - Improper Use	None in Vehicle	Unknown	Other/Not Required	
0 to 4	97	4	2	2	143	3	8	16	16	1	292
	(33.22%)*	(1.37%)	(0.68%)	(0.68%)	(48.97%)	(1.03%)	(2.74%)	(5.48%)	(5.48%)	(0.34%)	(100.%)
5 to 9	480	43	15	4	11	0	0	17	34	14	618
	(77.67%)	(6.96%)	(2.43%)	(0.65%)	(1.78%)	(0.00%)	(0.00%)	(2.75%)	(5.50%)	(2.27%)	(100.%)
10 to 14	485	55	20	5	0	0	0	11	46	30	652
	(74.39%)	(8.44%)	(3.07%)	(0.77%)	(0.00%)	(0.00%)	(0.00%)	(1.69%)	(7.06%)	(4.60%)	(100.%)
15 to 19	2123	212	270	12	1	0	0	23	180	10	2831
	(74.99%)	(7.49%)	(9.54%)	(0.42%)	(0.04%)	(0.00%)	(0.00%)	(0.81%)	(6.36%)	(0.35%)	(100.%)
20 to 24	2437	190	338	15	2	0	0	15	229	16	3242
	(75.17%)	(5.86%)	(10.43%)	(0.46%)	(0.06%)	(0.00%)	(0.00%)	(0.46%)	(7.06%)	(0.49%)	(100.%)
25 to 34	3163	172	324	31	3	0	0	24	283	20	4020
	(78.68%)	(4.28%)	(8.06%)	(0.77%)	(0.07%)	(0.00%)	(0.00%)	(0.60%)	(7.04%)	(0.50%)	(100.%)
35 to 44	2828	125	263	27	1	1	0	17	254	24	3540
	(79.89%)	(3.53%)	(7.43%)	(0.76%)	(0.03%)	(0.03%)	(0.00%)	(0.48%)	(7.18%)	(0.68%)	(100.%)
45 to 54	2110	78	203	15	0	0	0	10	152	24	2592
	(81.40%)	(3.01%)	(7.83%)	(0.58%)	(0.00%)	(0.00%)	(0.00%)	(0.39%)	(5.86%)	(0.93%)	(100.%)
55 to 64	1042	32	105	11	0	0	0	10	84	10	1294
	(80.53%)	(2.47%)	(8.11%)	(0.85%)	(0.00%)	(0.00%)	(0.00%)	(0.77%)	(6.49%)	(0.77%)	(100.%)
65 to 74	661	29	60	4	0	0	0	9	41	8	812
	(81.40%)	(3.57%)	(7.39%)	(0.49%)	(0.00%)	(0.00%)	(0.00%)	(1.11%)	(5.05%)	(0.99%)	(100.%)
75 to 84	475	15	46	8	0	0	0	4	27	1	576
	(82.47%)	(2.60%)	(7.99%)	(1.39%)	(0.00%)	(0.00%)	(0.00%)	(0.69%)	(4.69%)	(0.17%)	(100.%)
85 and older	121	6	14	0	0	0	0	0	8	0	149
	(81.21%)	(4.03%)	(9.40%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(5.37%)	(0.00%)	(100.%)
Not stated	129	16	5	1	5	0	1	8	60	4	229
	(56.33%)	(6.99%)	(2.18%)	(0.44%)	(2.18%)	(0.00%)	(0.44%)	(3.49%)	(26.20%)	(1.75%)	(100.%)
Total	16151	977	1665	135	166	4	9	164	1414	162	20847
	(77.47%)	(4.69%)	(7.99%)	(0.65%)	(0.80%)	(0.02%)	(0.04%)	(0.79%)	(6.78%)	(0.78%)	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

3: MOTOR VEHICLE OCCUPANT CRASHES

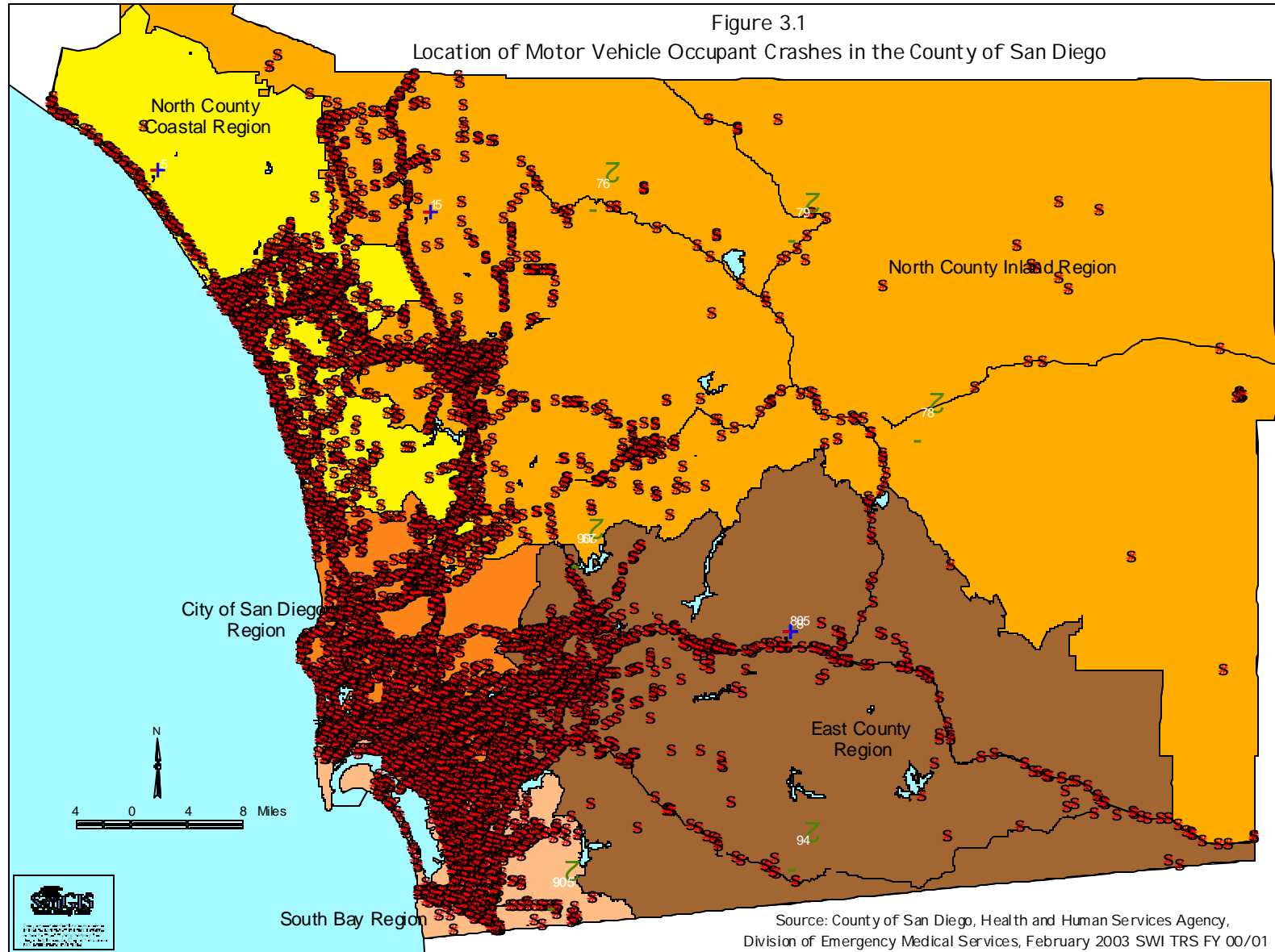


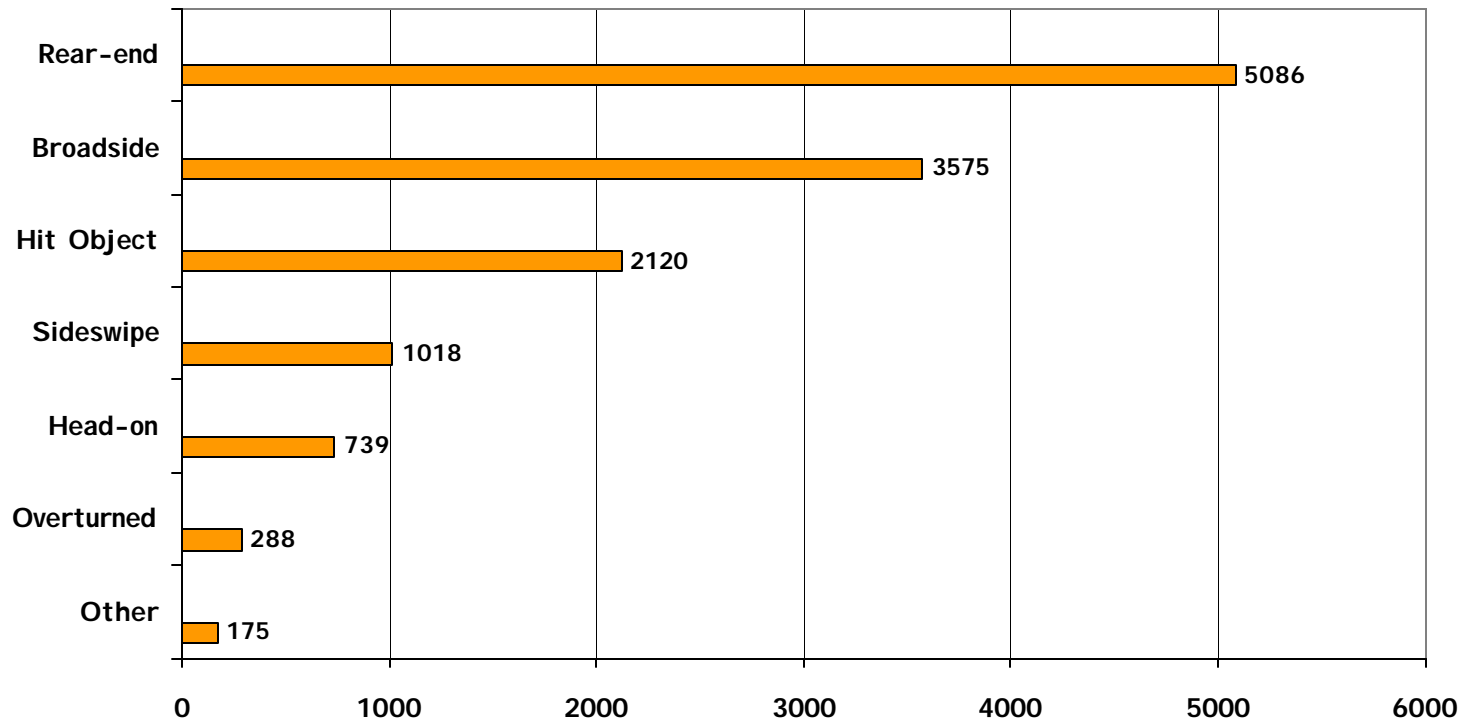
Table 3-1
Leading Violation Categories in Motor Vehicle Occupant Crashes by Age of Party at Fault
County of San Diego

Age of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
0-4	*						1
5-9							0
10-14	Unsafe Speed 3	Improper Turning 2	*				9
15-19	Unsafe Speed 647	Improper Turning 269	Automobile Right-of-Way 267	Traffic Signals & Signs 152	DUI Alcohol/Drugs 121	Following Too Closely 65	1701
20-24	Unsafe Speed 637	DUI Alcohol/Drugs 344	Improper Turning 312	Automobile Right-of-Way 263	Traffic Signals & Signs 171	Following Too Closely 73	1984
25-34	Unsafe Speed 836	DUI Alcohol/Drugs 346	Automobile Right-of-Way 331	Improper Turning 319	Traffic Signals & Signs 211	Following Too Closely 85	2360
35-44	Unsafe Speed 741	Automobile Right-of-Way 281	DUI Alcohol/Drugs 279	Improper Turning 246	Traffic Signals & Signs 178	Following Too Closely 99	2019
45-54	Unsafe Speed 442	Automobile Right-of-Way 211	Improper Turning 178	DUI Alcohol/Drugs 139	Traffic Signals & Signs 95	Following Too Closely 50	1230
55-64	Unsafe Speed 202	Automobile Right-of-Way 120	Improper Turning 77	Traffic Signals & Signs 71	DUI Alcohol/Drugs 53	Following Too Closely 32	624
65-74	Automobile Right-of-Way 119	Unsafe Speed 109	Traffic Signals & Signs 55	Improper Turning 50	DUI Alcohol/Drugs 23	Wrong Side of Road 14	410
75-84	Automobile Right-of-Way 120	Unsafe Speed 89	Traffic Signals & Signs 51	Improper Turning 46	Wrong Side of Road 11	Following Too Closely 9	353
85+	Automobile Right-of-Way 40	Unsafe Speed 22	Improper Turning 18	Traffic Signals & Signs 7	Unsafe Start/Backup 2	*	98
All Crashes	Unsafe Speed 4192	Automobile Right-of-Way 2021	Improper Turning 1720	DUI Alcohol/Drugs 1399	Traffic Signals & Signs 1219	Following Too Closely 544	13004

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

Figure 3.2
Motor Vehicle Occupant Crashes by Type of Collision
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 3-2
Number of Motor Vehicle Occupant Crashes in the County of San Diego
by Age of Party at Fault and Collision Type
July 1, 2000 to June 30, 2001

Age of Party at Fault	Collision Type								Total
	Not Stated	Head-on	Sideswipe	Rear-end	Broadside	Hit Object	Overtaken	Other	
Not Stated	1	31	83	302	124	52	9	9	611
	(0.16%)*	(5.07%)	(13.58%)	(49.43%)	(20.29%)	(8.51%)	(1.47%)	(1.47%)	(100.%)
0 to 4	0	0	1	0	0	0	0	0	1
	(0.00%)	(0.00%)	(100.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(100.%)
10 to 14	0	1	1	0	2	5	0	0	9
	(0.00%)	(11.11%)	(11.11%)	(0.00%)	(22.22%)	(55.56%)	(0.00%)	(0.00%)	(100.%)
15 to 19	0	92	118	617	460	342	60	12	1701
	(0.00%)	(5.41%)	(6.94%)	(36.27%)	(27.04%)	(20.11%)	(3.53%)	(0.71%)	(100.%)
20 to 24	0	99	140	691	503	482	53	16	1984
	(0.00%)	(4.99%)	(7.06%)	(34.83%)	(25.35%)	(24.29%)	(2.67%)	(0.81%)	(100.%)
25 to 34	0	142	183	958	602	393	56	26	2360
	(0.00%)	(6.02%)	(7.75%)	(40.59%)	(25.51%)	(16.65%)	(2.37%)	(1.10%)	(100.%)
35 to 44	1	117	149	891	497	299	45	20	2019
	(0.05%)	(5.79%)	(7.38%)	(44.13%)	(24.62%)	(14.81%)	(2.23%)	(0.99%)	(100.%)
45 to 54	0	65	92	528	320	198	15	12	1230
	(0.00%)	(5.28%)	(7.48%)	(42.93%)	(26.02%)	(16.10%)	(1.22%)	(0.98%)	(100.%)
55 to 64	0	32	39	271	196	63	17	6	624
	(0.00%)	(5.13%)	(6.25%)	(43.43%)	(31.41%)	(10.10%)	(2.72%)	(0.96%)	(100.%)
65 to 74	0	32	24	137	172	37	5	3	410
	(0.00%)	(7.80%)	(5.85%)	(33.41%)	(41.95%)	(9.02%)	(1.22%)	(0.73%)	(100.%)
75 to 84	0	27	16	111	161	33	1	4	353
	(0.00%)	(7.65%)	(4.53%)	(31.44%)	(45.61%)	(9.35%)	(0.28%)	(1.13%)	(100.%)
85 and older	0	10	4	23	45	16	0	0	98
	(0.00%)	(10.20%)	(4.08%)	(23.47%)	(45.92%)	(16.33%)	(0.00%)	(0.00%)	(100.%)
Fault Not Assigned	1	91	168	557	493	200	27	67	1604
	(0.06%)	(5.67%)	(10.47%)	(34.73%)	(30.74%)	(12.47%)	(1.68%)	(4.18%)	(100.%)
Total	3	739	1018	5086	3575	2120	288	175	13004
	(0.02%)	(5.68%)	(7.83%)	(39.11%)	(27.49%)	(16.30%)	(2.21%)	(1.35%)	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 3-3
Number of Motor Vehicle Occupant Crashes in the County of San Diego
by Age of Party at Fault and First Weather Condition
July 1, 2000 to June 30, 2001

Age of Party at Fault	First Weather Condition							Total
	Not Stated	Clear	Cloudy	Raining	Snowing	Fog	Other	
Not Stated	1 (0.16%)*	467 (76.43%)	111 (18.17%)	25 (4.09%)	0 (0.00%)	4 (0.65%)	3 (0.49%)	611 (100.%)
0 to 4	0 (0.00%)	1 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.%)
10 to 14	0 (0.00%)	6 (66.67%)	3 (33.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	9 (100.%)
15 to 19	3 (0.18%)	1274 (74.90%)	331 (19.46%)	81 (4.76%)	0 (0.00%)	7 (0.41%)	5 (0.29%)	1701 (100.%)
20 to 24	1 (0.05%)	1475 (74.34%)	396 (19.96%)	95 (4.79%)	2 (0.10%)	10 (0.50%)	5 (0.25%)	1984 (100.%)
25 to 34	2 (0.08%)	1683 (71.31%)	512 (21.69%)	136 (5.76%)	5 (0.21%)	20 (0.85%)	2 (0.08%)	2360 (100.%)
35 to 44	3 (0.15%)	1472 (72.91%)	414 (20.51%)	111 (5.50%)	7 (0.35%)	7 (0.35%)	5 (0.25%)	2019 (100.%)
45 to 54	2 (0.16%)	921 (74.88%)	218 (17.72%)	81 (6.59%)	2 (0.16%)	5 (0.41%)	1 (0.08%)	1230 (100.%)
55 to 64	0 (0.00%)	470 (75.32%)	122 (19.55%)	28 (4.49%)	1 (0.16%)	1 (0.16%)	2 (0.32%)	624 (100.%)
65 to 74	0 (0.00%)	304 (74.15%)	86 (20.98%)	15 (3.66%)	2 (0.49%)	0 (0.00%)	3 (0.73%)	410 (100.%)
75 to 84	0 (0.00%)	278 (78.75%)	65 (18.41%)	9 (2.55%)	0 (0.00%)	1 (0.28%)	0 (0.00%)	353 (100.%)
85 and older	0 (0.00%)	83 (84.69%)	13 (13.27%)	2 (2.04%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	98 (100.%)
Fault Not Assigned	24 (1.50%)	1233 (76.87%)	265 (16.52%)	62 (3.87%)	0 (0.00%)	11 (0.69%)	9 (0.56%)	1604 (100.%)
Total	36 (0.28%)	9667 (74.34%)	2536 (19.50%)	645 (4.96%)	19 (0.15%)	66 (0.51%)	35 (0.27%)	13004 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 3-4
Number of Motor Vehicle Occupant Crashes in the County of San Diego
by Age of Party at Fault and Time of Week
July 1, 2000 to June 30, 2001

Age of Party at Fault	Time of Week										Total	
	Not Stated		Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
Not Stated	0	(0.00%)*	261	(42.72%)	112	(18.33%)	104	(17.02%)	134	(21.93%)	611	(100.%)
0 to 4	0	(0.00%)	1	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	1	(100.%)
10 to 14	0	(0.00%)	4	(44.44%)	1	(11.11%)	3	(33.33%)	1	(11.11%)	9	(100.%)
15 to 19	0	(0.00%)	855	(50.26%)	275	(16.17%)	244	(14.34%)	327	(19.22%)	1701	(100.%)
20 to 24	0	(0.00%)	890	(44.86%)	347	(17.49%)	322	(16.23%)	425	(21.42%)	1984	(100.%)
25 to 34	3	(0.13%)	1245	(52.75%)	370	(15.68%)	338	(14.32%)	404	(17.12%)	2360	(100.%)
35 to 44	3	(0.15%)	1152	(57.06%)	262	(12.98%)	309	(15.30%)	293	(14.51%)	2019	(100.%)
45 to 54	1	(0.08%)	746	(60.65%)	167	(13.58%)	180	(14.63%)	136	(11.06%)	1230	(100.%)
55 to 64	0	(0.00%)	391	(62.66%)	69	(11.06%)	104	(16.67%)	60	(9.62%)	624	(100.%)
65 to 74	0	(0.00%)	259	(63.17%)	43	(10.49%)	80	(19.51%)	28	(6.83%)	410	(100.%)
75 to 84	0	(0.00%)	260	(73.65%)	18	(5.10%)	59	(16.71%)	16	(4.53%)	353	(100.%)
85 and older	0	(0.00%)	71	(72.45%)	7	(7.14%)	14	(14.29%)	6	(6.12%)	98	(100.%)
Fault Not Assigned	3	(0.19%)	889	(55.42%)	239	(14.90%)	251	(15.65%)	222	(13.84%)	1604	(100.%)
Total	10	(0.08%)	7024	(54.01%)	1910	(14.69%)	2008	(15.44%)	2052	(15.78%)	13004	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

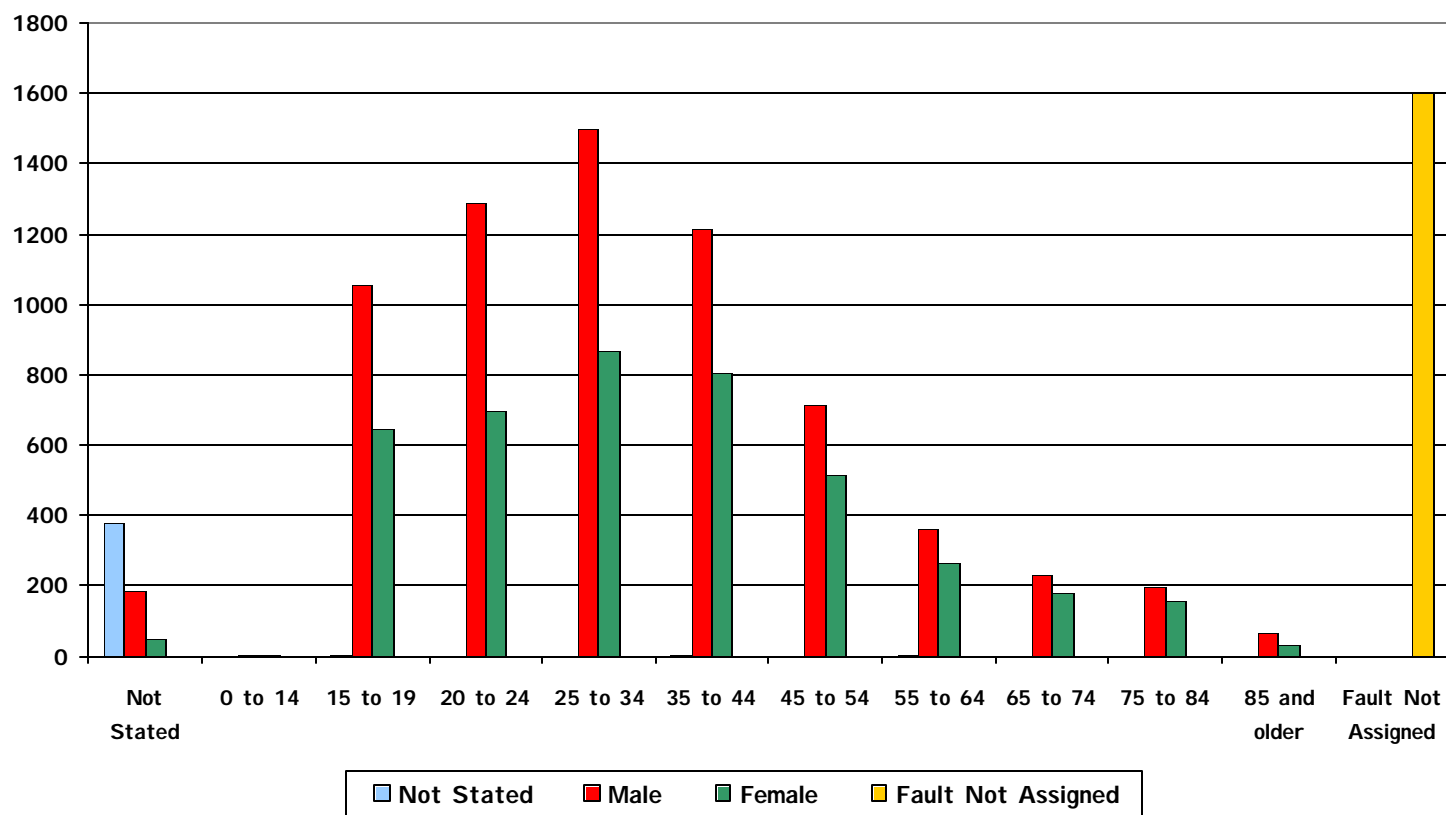
Table 3-5
Number of Motor Vehicle Occupant Crashes in the County of San Diego
by Age of Party at Fault and First Road Condition
July 1, 2000 to June 30, 2001

Age of Party at Fault	First Road Condition									Total
	Not Stated	Holes, Deep Ruts	Loose Material on Roadway	Obstruction on Roadway	Construction or Repair Zone	Reduced Roadway Width	Flooded	Other	No Unusual Condition	
Not Stated	4 (0.65%)*	0 (0.00%)	2 (0.33%)	3 (0.49%)	8 (1.31%)	0 (0.00%)	0 (0.00%)	2 (0.33%)	592 (96.89%)	611 (100.%)
0 to 4	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (100.00%)	1 (100.%)
10 to 14	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	9 (100.00%)	9 (100.%)
15 to 19	6 (0.35%)	4 (0.24%)	5 (0.29%)	2 (0.12%)	37 (2.18%)	2 (0.12%)	2 (0.12%)	11 (0.65%)	1632 (95.94%)	1701 (100.%)
20 to 24	9 (0.45%)	0 (0.00%)	2 (0.10%)	5 (0.25%)	31 (1.56%)	1 (0.05%)	1 (0.05%)	6 (0.30%)	1929 (97.23%)	1984 (100.%)
25 to 34	17 (0.72%)	3 (0.13%)	2 (0.08%)	13 (0.55%)	38 (1.61%)	1 (0.04%)	2 (0.08%)	12 (0.51%)	2272 (96.27%)	2360 (100.%)
35 to 44	5 (0.25%)	2 (0.10%)	5 (0.25%)	15 (0.74%)	38 (1.88%)	2 (0.10%)	1 (0.05%)	3 (0.15%)	1948 (96.48%)	2019 (100.%)
45 to 54	4 (0.33%)	1 (0.08%)	2 (0.16%)	9 (0.73%)	17 (1.38%)	0 (0.00%)	5 (0.41%)	7 (0.57%)	1185 (96.34%)	1230 (100.%)
55 to 64	3 (0.48%)	0 (0.00%)	3 (0.48%)	5 (0.80%)	17 (2.72%)	3 (0.48%)	0 (0.00%)	2 (0.32%)	591 (94.71%)	624 (100.%)
65 to 74	2 (0.49%)	3 (0.73%)	1 (0.24%)	2 (0.49%)	8 (1.95%)	0 (0.00%)	0 (0.00%)	4 (0.98%)	390 (95.12%)	410 (100.%)
75 to 84	0 (0.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (1.98%)	0 (0.00%)	0 (0.00%)	1 (0.28%)	345 (97.73%)	353 (100.%)
85 and older	0 (0.00%)	1 (1.02%)	0 (0.00%)	0 (0.00%)	3 (3.06%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	94 (95.92%)	98 (100.%)
Fault Not Assigned	53 (3.30%)	5 (0.31%)	6 (0.37%)	9 (0.56%)	20 (1.25%)	1 (0.06%)	1 (0.06%)	17 (1.06%)	1492 (93.02%)	1604 (100.%)
Total	103 (0.79%)	19 (0.15%)	28 (0.22%)	63 (0.48%)	224 (1.72%)	10 (0.08%)	12 (0.09%)	65 (0.50%)	12480 (95.97%)	13004 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 3.3
Age and Gender of Party at Fault in Motor Vehicle Occupant Crashes
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

4: MOTORCYCLE VICTIMS

Table 4-1
Leading Causes of Motorcycle Injuries by Age Group of Victim
County of San Diego

Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4							0
5-9	*						3
10-14	Unsafe Speed 3	*					4
15-19	Unsafe Speed 26	Wrong Side of Road 9	Improper Turning 8	Automobile Right-of-Way 3†	DUI Alcohol/Drugs 3†	Unsafe Lane Change 3†	55
20-24	Unsafe Speed 69	Improper Turning 29	Automobile Right-of-Way 21	DUI Alcohol/Drugs 11†	Wrong Side of Road 11†	Unsafe Lane Change 7	179
25-34	Unsafe Speed 86	Improper Turning 52	Automobile Right-of-Way 35	DUI Alcohol/Drugs 28	Wrong Side of Road 21	Unsafe Lane Change 18	279
35-44	Unsafe Speed 52	Automobile Right-of-Way 31	Improper Turning 26	DUI Alcohol/Drugs 23	Unsafe Lane Change 10	Wrong Side of Road 6	173
45-54	Unsafe Speed 35	Automobile Right-of-Way 27	Improper Turning 21	Wrong Side of Road 9	Unsafe Lane Change 8	DUI Alcohol/Drugs 7	132
55-64	Unsafe Speed 19	Improper Turning 12	Automobile Right-of-Way 5	Wrong Side of Road 4	**		50
65-74	Unsafe Speed 2†	Unsafe Lane Change 2†	*				10
75-84	*						2
85+	*						1
All Ages	Unsafe Speed 294	Improper Turning 150	Automobile Right-of-Way 124	DUI Alcohol/Drugs 72	Wrong Side of Road 61	Unsafe Lane Change 50	892

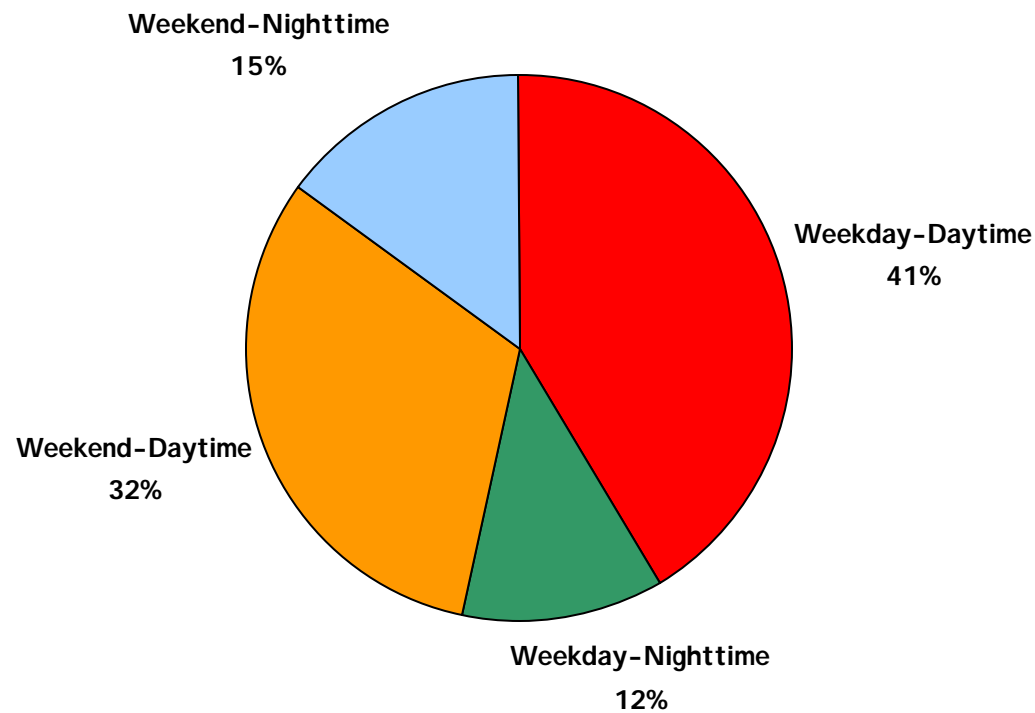
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single victim were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Figure 4.1
Motorcycle Crash Victims by Time of Week
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 4-2
Number of Motorcycle Victims Killed or Injured
in Motorcycle Crashes in the County of San Diego
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week									Total		
	Not Stated		Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
5 to 9	0	(0.00%)*	2	(66.67%)	0	(0.00%)	0	(0.00%)	1	(33.33%)	3	(100.%)
10 to 14	0	(0.00%)	0	(0.00%)	1	(25.00%)	2	(50.00%)	1	(25.00%)	4	(100.%)
15 to 19	0	(0.00%)	17	(30.91%)	15	(27.27%)	14	(25.45%)	9	(16.36%)	55	(100.%)
20 to 24	1	(0.56%)	63	(35.20%)	29	(16.20%)	54	(30.17%)	32	(17.88%)	179	(100.%)
25 to 34	0	(0.00%)	123	(44.09%)	25	(8.96%)	84	(30.11%)	47	(16.85%)	279	(100.%)
35 to 44	0	(0.00%)	68	(39.31%)	15	(8.67%)	62	(35.84%)	28	(16.18%)	173	(100.%)
45 to 54	0	(0.00%)	62	(46.97%)	18	(13.64%)	40	(30.30%)	12	(9.09%)	132	(100.%)
55 to 64	0	(0.00%)	27	(54.00%)	1	(2.00%)	20	(40.00%)	2	(4.00%)	50	(100.%)
65 to 74	0	(0.00%)	6	(60.00%)	0	(0.00%)	4	(40.00%)	0	(0.00%)	10	(100.%)
75 to 84	0	(0.00%)	1	(50.00%)	0	(0.00%)	1	(50.00%)	0	(0.00%)	2	(100.%)
85 and older	0	(0.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	1	(100.00%)	1	(100.%)
Not stated	0	(0.00%)	1	(25.00%)	0	(0.00%)	2	(50.00%)	1	(25.00%)	4	(100.%)
Total	1	(0.11%)	370	(41.48%)	104	(11.66%)	283	(31.73%)	134	(15.02%)	892	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

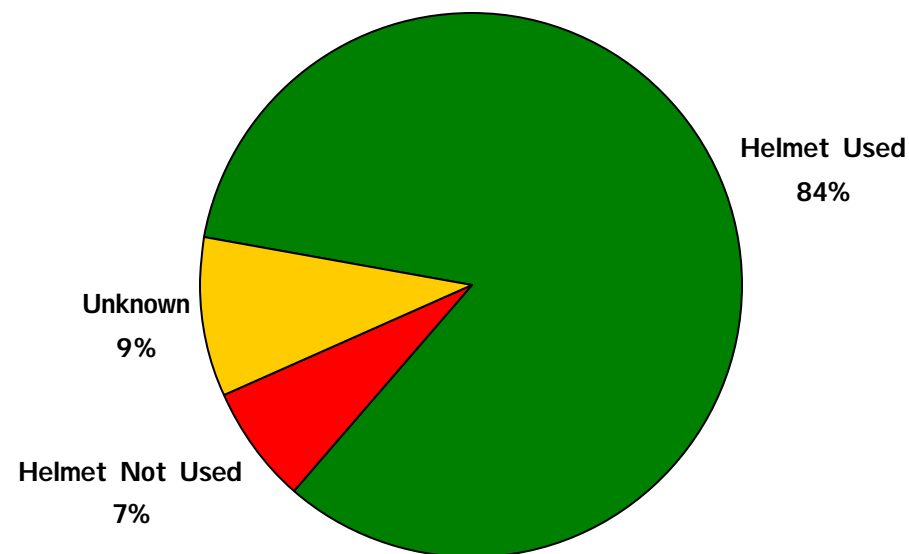
Table 4-3
Number of Motorcycle Victims Killed or Injured in Motorcycle Crashes
in the County of San Diego
by Type of Collision and Severity of Injury
July 1, 2000 to June 30, 2001

Type of Collision	Severity of Injury								Total	
	Killed		Severe Injury		Other Visible Injury		Complaint of Pain			
Head-on	6	(20.00%)*	10	(33.33%)	9	(30.00%)	5	(16.67%)	30	(100.%)
Sideswipe	2	(2.08%)	16	(16.67%)	52	(54.17%)	26	(27.08%)	96	(100.%)
Rear-end	5	(3.25%)	17	(11.04%)	78	(50.65%)	54	(35.06%)	154	(100.%)
Broadside	3	(1.71%)	35	(20.00%)	82	(46.86%)	55	(31.43%)	175	(100.%)
Hit Object	12	(7.59%)	29	(18.35%)	76	(48.10%)	41	(25.95%)	158	(100.%)
Overturned	4	(1.74%)	31	(13.48%)	149	(64.78%)	46	(20.00%)	230	(100.%)
Other	0	(0.00%)	2	(4.08%)	39	(79.59%)	8	(16.33%)	49	(100.%)
Total	32	(3.59%)	140	(15.70%)	485	(54.37%)	235	(26.35%)	892	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 4.2
Helmet Use Among Motorcycle Crash Victims
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 4-4
Number of Motorcycle Victims Killed or Injured in Motorcycle Crashes
in the County of San Diego
by Age of Victim and Helmet Use
July 1, 2000 to June 30, 2001

Age of Victim	Helmet Use						Total	
	Helmet Used		Helmet Not Used		Unknown			
5 to 9	1	(33.33%)*	0	(0.00%)	2	(66.67%)	3	(100.%)
10 to 14	4	(100.00%)	0	(0.00%)	0	(0.00%)	4	(100.%)
15 to 19	43	(78.18%)	8	(14.55%)	4	(7.27%)	55	(100.%)
20 to 24	151	(84.36%)	12	(6.70%)	16	(8.94%)	179	(100.%)
25 to 34	239	(85.66%)	18	(6.45%)	22	(7.89%)	279	(100.%)
35 to 44	138	(79.77%)	16	(9.25%)	19	(10.98%)	173	(100.%)
45 to 54	111	(84.09%)	7	(5.30%)	14	(10.61%)	132	(100.%)
55 to 64	43	(86.00%)	1	(2.00%)	6	(12.00%)	50	(100.%)
65 to 74	9	(90.00%)	1	(10.00%)	0	(0.00%)	10	(100.%)
75 to 84	2	(100.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
85 and older	1	(100.00%)	0	(0.00%)	0	(0.00%)	1	(100.%)
Not stated	3	(75.00%)	0	(0.00%)	1	(25.00%)	4	(100.%)
Total	745	(83.52%)	63	(7.06%)	84	(9.42%)	892	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

5: MOTORCYCLE CRASHES

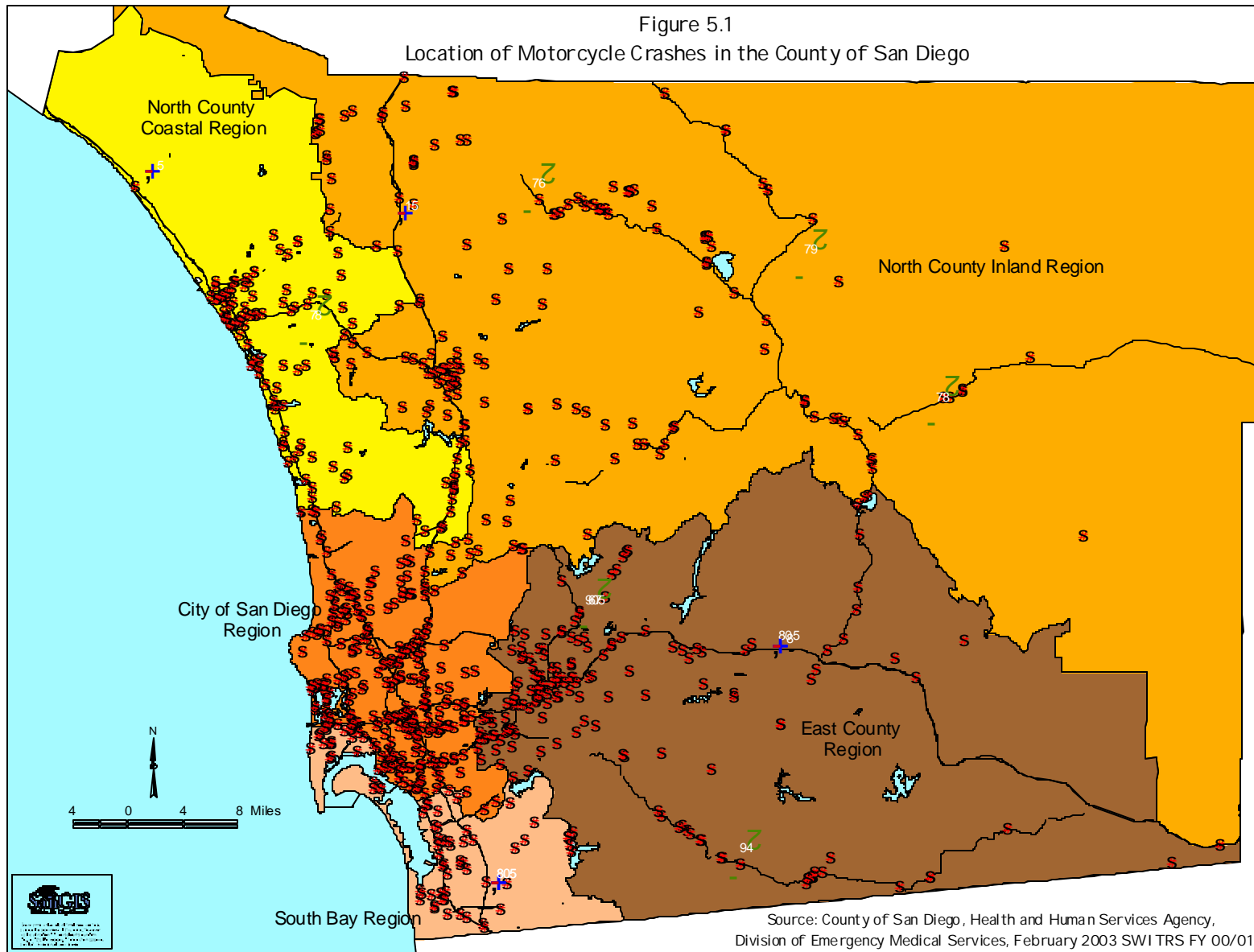


Table 5-1
Leading Violation Categories in Motorcycle Crashes by Type of Party at Fault
County of San Diego

Type of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
Motorcycle at Fault	Unsafe Speed 235	Improper Turning 79	Wrong Side of Road 54	DUI Alcohol/Drugs 49	Unsafe Lane Change 18	Other Hazardous Viol. 17	508
Other Party at Fault	Automobile Right-of-Way 98	Improper Turning 45	Unsafe Lane Change 30	Unsafe Speed 26	DUI Alcohol/Drugs 11	Traffic Signals & Signs 8	232
Fault Not Assigned	Other Than Driver 15	Improper Turning 14	Unsafe Speed 10	Automobile Right-of-Way 7	DUI Alcohol/Drugs 5	**	80
All Crashes	Unsafe Speed 271	Improper Turning 138	Automobile Right-of-Way 113	DUI Alcohol/Drugs 65	Wrong Side of Road 54	Unsafe Lane Change 49	820

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

Table 5-2
Number of Motorcycle Crashes in the County of San Diego
by Collision Type and Type of Party at Fault
July 1, 2000 to June 30, 2001

Collision Type	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Head-on	17	(62.96%)*	9	(33.33%)	1	(3.70%)	27	(100.%)
Sideswipe	32	(35.56%)	43	(47.78%)	15	(16.67%)	90	(100.%)
Rear-end	87	(60.42%)	46	(31.94%)	11	(7.64%)	144	(100.%)
Broadside	41	(25.31%)	107	(66.05%)	14	(8.64%)	162	(100.%)
Hit Object	131	(90.97%)	5	(3.47%)	8	(5.56%)	144	(100.%)
Overturned	177	(84.69%)	12	(5.74%)	20	(9.57%)	209	(100.%)
Other	23	(52.27%)	10	(22.73%)	11	(25.00%)	44	(100.%)
Total	508	(61.95%)	232	(28.29%)	80	(9.76%)	820	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-3
Number of Motorcycle Crashes in the County of San Diego
by First Weather Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Weather Condition	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	0	(0.00%)*	0	(0.00%)	1	(100.00%)	1	(100.%)
Clear	417	(61.96%)	188	(27.93%)	68	(10.10%)	673	(100.%)
Cloudy	84	(62.22%)	40	(29.63%)	11	(8.15%)	135	(100.%)
Raining	6	(75.00%)	2	(25.00%)	0	(0.00%)	8	(100.%)
Fog	1	(50.00%)	1	(50.00%)	0	(0.00%)	2	(100.%)
Other	0	(0.00%)	1	(100.00%)	0	(0.00%)	1	(100.%)
Total	508	(61.95%)	232	(28.29%)	80	(9.76%)	820	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-4
Number of Motorcycle Crashes in the County of San Diego
by Time of Week and Type of Party at Fault
July 1, 2000 to June 30, 2001

Time of Week	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	0	(0.00%)*	0	(0.00%)	1	(100.00%)	1	(100.%)
Weekday-Daytime	193	(54.06%)	125	(35.01%)	39	(10.92%)	357	(100.%)
Weekday-Nighttime	51	(54.26%)	32	(34.04%)	11	(11.70%)	94	(100.%)
Weekend-Daytime	192	(76.19%)	42	(16.67%)	18	(7.14%)	252	(100.%)
Weekend-Nighttime	72	(62.07%)	33	(28.45%)	11	(9.48%)	116	(100.%)
Total	508	(61.95%)	232	(28.29%)	80	(9.76%)	820	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-5
Number of Motorcycle Crashes in the County of San Diego
by First Road Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Road Condition	Fault in Motorcycle Crash						Total	
	Motorcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	0	(0.00%)*	1	(25.00%)	3	(75.00%)	4	(100.%)
Holes, Deep Ruts	2	(66.67%)	0	(0.00%)	1	(33.33%)	3	(100.%)
Loose Material on Roadway	6	(66.67%)	1	(11.11%)	2	(22.22%)	9	(100.%)
Obstruction on Roadway	3	(75.00%)	0	(0.00%)	1	(25.00%)	4	(100.%)
Construction or Repair Zone	6	(60.00%)	4	(40.00%)	0	(0.00%)	10	(100.%)
Reduced Roadway Width	0	(0.00%)	0	(0.00%)	1	(100.00%)	1	(100.%)
Other	4	(44.44%)	3	(33.33%)	2	(22.22%)	9	(100.%)
No Unusual Condition	487	(62.44%)	223	(28.59%)	70	(8.97%)	780	(100.%)
Total	508	(61.95%)	232	(28.29%)	80	(9.76%)	820	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 5-6
Number of Motorcycle Crashes in the County of San Diego
by Age and Gender of Party at Fault and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Party at Fault	Fault in Motorcycle Crash†							
	Motorcycle at Fault				Other Party at Fault			
	Gender of Party at Fault††				Gender of Party at Fault††			
	Male		Female		Male		Female	
Not Stated	2	(0.39%)*	0	(0.00%)	14	(6.70%)	1	(0.48%)
15 to 19	39	(7.68%)	1	(0.20%)	16	(7.66%)	8	(3.83%)
20 to 24	116	(22.83%)	3	(0.59%)	22	(10.53%)	10	(4.78%)
25 to 34	159	(31.30%)	5	(0.98%)	25	(11.96%)	13	(6.22%)
35 to 44	80	(15.75%)	10	(1.97%)	20	(9.57%)	15	(7.18%)
45 to 54	56	(11.02%)	5	(0.98%)	19	(9.09%)	11	(5.26%)
55 to 64	27	(5.31%)	1	(0.20%)	7	(3.35%)	5	(2.39%)
65 to 74	2	(0.39%)	0	(0.00%)	6	(2.87%)	5	(2.39%)
75 to 84	2	(0.39%)	0	(0.00%)	4	(1.91%)	6	(2.87%)
85 and older	0	(0.00%)	0	(0.00%)	2	(0.96%)	0	(0.00%)
Total	483	(95.08%)	25	(4.92%)	135	(64.59%)	74	(35.41%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are age and gender percents.

†Fault was not assigned in 80 crashes.

††Gender of party at fault was not stated for 23 other parties.

6: PEDALCYCLE VICTIMS

Table 6-1
Leading Causes of Pedalcycle Injuries by Age Group of Victim
County of San Diego

Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4							0
5-9	Automobile Right-of-Way 20	Improper Turning 6	Traffic Signals & Signs 5	Wrong Side of Road 3	*		41
10-14	Automobile Right-of-Way 45	Wrong Side of Road 36	Traffic Signals & Signs 18	Improper Turning 15	Other Hazardous Viol. 8	**	148
15-19	Automobile Right-of-Way 24	Wrong Side of Road 19	Traffic Signals & Signs 12	Improper Turning 11	Other Hazardous Viol. 10	DUI Alcohol/Drugs 5	96
20-24	Wrong Side of Road 19	Improper Turning 12	Automobile Right-of-Way 9	Other Hazardous Viol. 6	Traffic Signals & Signs 4†	DUI Alcohol/Drugs 4†	68
25-34	Automobile Right-of-Way 30	Wrong Side of Road 18	Improper Turning 16	Other Hazardous Viol. 11	Traffic Signals & Signs 9†	DUI Alcohol/Drugs 9†	124
35-44	Automobile Right-of-Way 34	Improper Turning 29	Other Hazardous Viol. 11	Wrong Side of Road 10	DUI Alcohol/Drugs 9	**	126
45-54	Automobile Right-of-Way 21	Improper Turning 17	Other Hazardous Viol. 10	DUI Alcohol/Drugs 7	Traffic Signals & Signs 6	Wrong Side of Road 4	82
55-64	Automobile Right-of-Way 8	Improper Turning 4	Wrong Side of Road 3†	Other Hazardous Viol. 3†	DUI Alcohol/Drugs 2†	Unsafe Lane Change 2†	24
65-74	Automobile Right-of-Way 5	Improper Turning 4	Other Hazardous Viol. 3	Wrong Side of Road 2	*		18
75-84	Improper Turning 3	Automobile Right-of-Way 2	*				6
85+	*						2
All Ages	Automobile Right-of-Way 200	Improper Turning 119	Wrong Side of Road 115	Traffic Signals & Signs 65	Other Hazardous Viol. 63	DUI Alcohol/Drugs 39	742

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single victim were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Table 6-2
Number of Pedalcycle Victims Killed or Injured in Pedalcycle Crashes
in the County of San Diego
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week								Total	
	Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
5 to 9	19	(46.34%)*	7	(17.07%)	11	(26.83%)	4	(9.76%)	41	(100.%)
10 to 14	112	(75.68%)	13	(8.78%)	16	(10.81%)	7	(4.73%)	148	(100.%)
15 to 19	60	(62.50%)	16	(16.67%)	10	(10.42%)	10	(10.42%)	96	(100.%)
20 to 24	37	(54.41%)	15	(22.06%)	8	(11.76%)	8	(11.76%)	68	(100.%)
25 to 34	59	(47.58%)	20	(16.13%)	30	(24.19%)	15	(12.10%)	124	(100.%)
35 to 44	70	(55.56%)	14	(11.11%)	33	(26.19%)	9	(7.14%)	126	(100.%)
45 to 54	39	(47.56%)	12	(14.63%)	23	(28.05%)	8	(9.76%)	82	(100.%)
55 to 64	13	(54.17%)	5	(20.83%)	6	(25.00%)	0	(0.00%)	24	(100.%)
65 to 74	13	(72.22%)	1	(5.56%)	4	(22.22%)	0	(0.00%)	18	(100.%)
75 to 84	6	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	6	(100.%)
85 and older	2	(100.00%)	0	(0.00%)	0	(0.00%)	0	(0.00%)	2	(100.%)
Not stated	4	(57.14%)	1	(14.29%)	1	(14.29%)	1	(14.29%)	7	(100.%)
Total	434	(58.49%)	104	(14.02%)	142	(19.14%)	62	(8.36%)	742	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

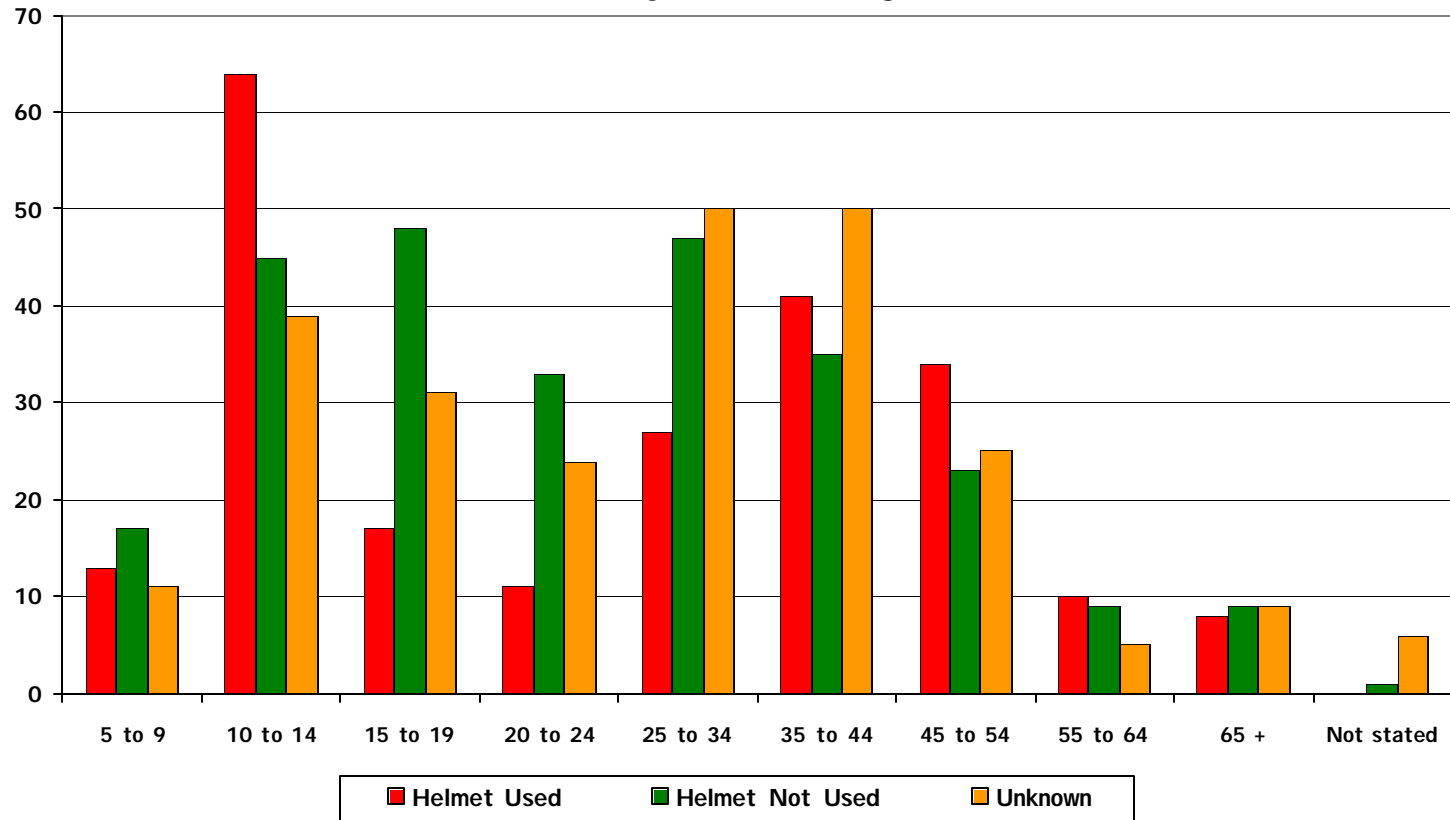
Table 6-3
Number of Pedalcycle Victims Killed or Injured in Pedalcycle Crashes
in the County of San Diego
by Age of Victim and First Weather Condition
July 1, 2000 to June 30, 2001

Age of Victim	First Weather Condition					Total
	Not Stated	Clear	Cloudy	Raining	Other	
5 to 9	0 (0.00%)*	38 (92.68%)	3 (7.32%)	0 (0.00%)	0 (0.00%)	41 (100.%)
10 to 14	1 (0.68%)	123 (83.11%)	22 (14.86%)	2 (1.35%)	0 (0.00%)	148 (100.%)
15 to 19	0 (0.00%)	83 (86.46%)	11 (11.46%)	2 (2.08%)	0 (0.00%)	96 (100.%)
20 to 24	0 (0.00%)	58 (85.29%)	8 (11.76%)	1 (1.47%)	1 (1.47%)	68 (100.%)
25 to 34	1 (0.81%)	93 (75.00%)	25 (20.16%)	4 (3.23%)	1 (0.81%)	124 (100.%)
35 to 44	1 (0.79%)	100 (79.37%)	22 (17.46%)	2 (1.59%)	1 (0.79%)	126 (100.%)
45 to 54	2 (2.44%)	64 (78.05%)	15 (18.29%)	1 (1.22%)	0 (0.00%)	82 (100.%)
55 to 64	0 (0.00%)	20 (83.33%)	4 (16.67%)	0 (0.00%)	0 (0.00%)	24 (100.%)
65 to 74	0 (0.00%)	16 (88.89%)	2 (11.11%)	0 (0.00%)	0 (0.00%)	18 (100.%)
75 to 84	0 (0.00%)	4 (66.67%)	2 (33.33%)	0 (0.00%)	0 (0.00%)	6 (100.%)
85 and older	0 (0.00%)	2 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	2 (100.%)
Not stated	0 (0.00%)	7 (100.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	7 (100.%)
Total	5 (0.67%)	608 (81.94%)	114 (15.36%)	12 (1.62%)	3 (0.40%)	742 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 6.1
Helmet Use by Age of Pedalcyclist Crash Victims
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 6-4
Number of Pedalcycle Victims Killed or Injured in Pedalcycle Crashes
in the County of San Diego
by Helmet Use and Severity of Injury
July 1, 2000 to June 30, 2001

Helmet Use	Severity of Injury								Total	
	Killed		Severe Injury		Other Visible Injury		Complaint of Pain			
Helmet Used	1	(0.44%)*	17	(7.56%)	157	(69.78%)	50	(22.22%)	225	(100.%)
Helmet Not Used	2	(0.75%)	25	(9.36%)	170	(63.67%)	70	(26.22%)	267	(100.%)
Unknown	0	(0.00%)	17	(6.80%)	136	(54.40%)	97	(38.80%)	250	(100.%)
Total	3	(0.4%)	59	(7.95%)	463	(62.4%)	217	(29.25%)	742	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

7: PEDALCYCLE CRASHES

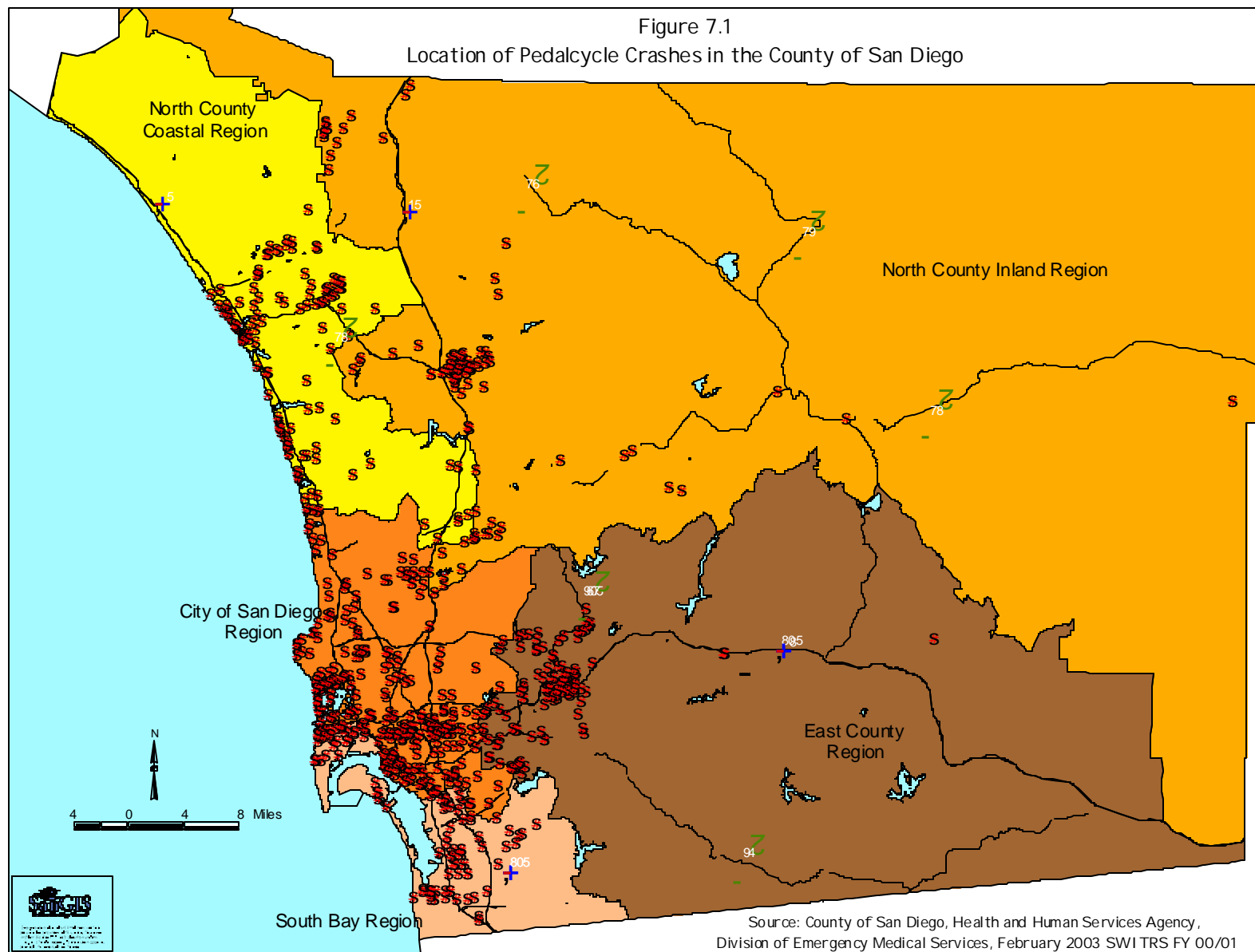


Table 7-1
Leading Violation Categories in Pedalcycle Crashes by Type of Party at Fault
County of San Diego

Type of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
Pedalcycle at Fault	Wrong Side of Road 108	Automobile Right-of-Way 79	Improper Turning 45	Traffic Signals & Signs 42	Other Hazardous Viol. 27	DUI Alcohol/Drugs 23	376
Other Party at Fault	Automobile Right-of-Way 89	Improper Turning 62	Other Hazardous Viol. 29	Traffic Signals & Signs 15	Unsafe Start/Backup 12	Unsafe Speed 9	243
Fault Not Assigned	Automobile Right-of-Way 29	Improper Turning 10	DUI Alcohol/Drugs 9	Traffic Signals & Signs 8	Other Hazardous Viol. 6	**	119
All Crashes	Automobile Right-of-Way 197	Improper Turning 117	Wrong Side of Road 114	Traffic Signals & Signs 65	Other Hazardous Viol. 62	DUI Alcohol/Drugs 39	738

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

** Multiple violation categories with the same number of crashes were not listed due to space limitations.

Table 7-2
Number of Pedalcycle Crashes in the County of San Diego
by First Weather Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Weather Condition	Fault in Pedalcycle Crash						Total	
	Pedalcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	1	(20.00%)*	0	(0.00%)	4	(80.00%)	5	(100.%)
Clear	313	(51.74%)	199	(32.89%)	93	(15.37%)	605	(100.%)
Cloudy	53	(46.90%)	40	(35.40%)	20	(17.70%)	113	(100.%)
Raining	9	(75.00%)	2	(16.67%)	1	(8.33%)	12	(100.%)
Other	0	(0.00%)	2	(66.67%)	1	(33.33%)	3	(100.%)
Total	376	(50.95%)	243	(32.93%)	119	(16.12%)	738	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 7-3
Number of Pedalcycle Crashes in the County of San Diego
by Time of Week and Type of Party at Fault
July 1, 2000 to June 30, 2001

Time of Week	Fault in Pedalcycle Crash						Total	
	Pedalcycle at Fault		Other Party at Fault		Fault Not Assigned			
Weekday-Daytime	223	(51.62%)*	145	(33.56%)	64	(14.81%)	432	(100.%)
Weekday-Nighttime	58	(55.24%)	28	(26.67%)	19	(18.10%)	105	(100.%)
Weekend-Daytime	63	(45.00%)	55	(39.29%)	22	(15.71%)	140	(100.%)
Weekend-Nighttime	32	(52.46%)	15	(24.59%)	14	(22.95%)	61	(100.%)
Total	376	(50.95%)	243	(32.93%)	119	(16.12%)	738	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 7-4
Number of Pedalcycle Crashes in the County of San Diego
by First Road Condition and Type of Party at Fault
July 1, 2000 to June 30, 2001

First Road Condition	Fault in Pedalcycle Crash						Total	
	Pedalcycle at Fault		Other Party at Fault		Fault Not Assigned			
Not Stated	4	(40.00%)*	2	(20.00%)	4	(40.00%)	10	(100.%)
Holes, Deep Ruts	0	(0.00%)	4	(80.00%)	1	(20.00%)	5	(100.%)
Loose Material on Roadway	1	(50.00%)	1	(50.00%)	0	(0.00%)	2	(100.%)
Obstruction on Roadway	1	(100.00%)	0	(0.00%)	0	(0.00%)	1	(100.%)
Construction or Repair Zone	4	(66.67%)	2	(33.33%)	0	(0.00%)	6	(100.%)
Reduced Roadway Width	1	(25.00%)	0	(0.00%)	3	(75.00%)	4	(100.%)
Other	3	(60.00%)	1	(20.00%)	1	(20.00%)	5	(100.%)
No Unusual Condition	362	(51.35%)	233	(33.05%)	110	(15.60%)	705	(100.%)
Total	376	(50.95%)	243	(32.93%)	119	(16.12%)	738	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 7-5
Number of Pedalcycle Crashes in the County of San Diego
by Age and Gender of Party at Fault and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Party at Fault	Fault in Pedalcycle Crash†							
	Pedalcycle at Fault				Other Party at Fault			
	Gender of Party at Fault††				Gender of Party at Fault††			
	Male		Female		Male		Female	
Not Stated	4	(1.06%)*	0	(0.00%)	8	(3.81%)	5	(2.38%)
5 to 9	25	(6.65%)	2	(0.53%)	0	(0.00%)	0	(0.00%)
10 to 14	79	(21.01%)	16	(4.26%)	1	(0.48%)	0	(0.00%)
15 to 19	56	(14.89%)	7	(1.86%)	12	(5.71%)	9	(4.29%)
20 to 24	24	(6.38%)	9	(2.39%)	6	(2.86%)	10	(4.76%)
25 to 34	37	(9.84%)	10	(2.66%)	21	(10.00%)	20	(9.52%)
35 to 44	45	(11.97%)	9	(2.39%)	27	(12.86%)	21	(10.00%)
45 to 54	29	(7.71%)	2	(0.53%)	22	(10.48%)	8	(3.81%)
55 to 64	7	(1.86%)	2	(0.53%)	6	(2.86%)	7	(3.33%)
65 to 74	7	(1.86%)	1	(0.27%)	6	(2.86%)	6	(2.86%)
75 to 84	4	(1.06%)	0	(0.00%)	6	(2.86%)	7	(3.33%)
85 and older	1	(0.27%)	0	(0.00%)	2	(0.95%)	0	(0.00%)
Total	318	(84.57%)	58	(15.43%)	117	(55.71%)	93	(44.29%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are age and gender percents.

†Fault was not assigned in 119 crashes.

††Gender of party at fault was not stated for 33 other parties.

8: PEDESTRIAN VICTIMS

Table 8-1
Leading Causes of Pedestrian Injuries by Age Group of Victim
County of San Diego

Age Group of Victim	Rank of Violation Category						Total Number of Victims
	1	2	3	4	5	6	
0-4	Pedestrian Violation 40	Pedestrian Right-of-Way 7	Automobile Right-of-Way 3	Hazardous Parking 2	*		60
5-9	Pedestrian Violation 75	Pedestrian Right-of-Way 12	Unsafe Start/Backup 4	**			113
10-14	Pedestrian Violation 73	Pedestrian Right-of-Way 23	Automobile Right-of-Way 6	Traffic Signals & Signs 4†	Wrong Side of Road 4†	**	131
15-19	Pedestrian Violation 38	Pedestrian Right-of-Way 24	Improper Turning 7	Unsafe Speed 5	**		102
20-24	Pedestrian Violation 25	Pedestrian Right-of-Way 20	Unsafe Start/Backup 8	Improper Turning 7	**		83
25-34	Pedestrian Violation 49	Pedestrian Right-of-Way 23	Peds UI Alcohol/Drugs 11	Unsafe Start/Backup 9†	Improper Turning 9†	Unsafe Speed 8	139
35-44	Pedestrian Violation 36	Pedestrian Right-of-Way 35	Peds UI Alcohol/Drugs 12	Unsafe Start/Backup 10	Improper Turning 8	**	156
45-54	Pedestrian Violation 38	Pedestrian Right-of-Way 36	Peds UI Alcohol/Drugs 12	Improper Turning 10	Automobile Right-of-Way 4	**	122
55-64	Pedestrian Right-of-Way 23	Pedestrian Violation 16	Unsafe Start/Backup 9	Automobile Right-of-Way 4	*		66
65-74	Pedestrian Violation 22	Pedestrian Right-of-Way 20	Automobile Right-of-Way 5	Unsafe Start/Backup 3†	Improper Turning 3†	*	63
75-84	Pedestrian Violation 11†	Pedestrian Right-of-Way 11†	Unsafe Speed 5	Unsafe Start/Backup 3	Other Hazardous Viol. 2	*	36
85+	Pedestrian Right-of-Way 6	Pedestrian Violation 4†	Unsafe Start/Backup 4†	*			19
All Ages	Pedestrian Violation 430	Pedestrian Right-of-Way 240	Unsafe Start/Backup 56	Improper Turning 49	Peds UI Alcohol/Drugs 45	Unsafe Speed 34	1097

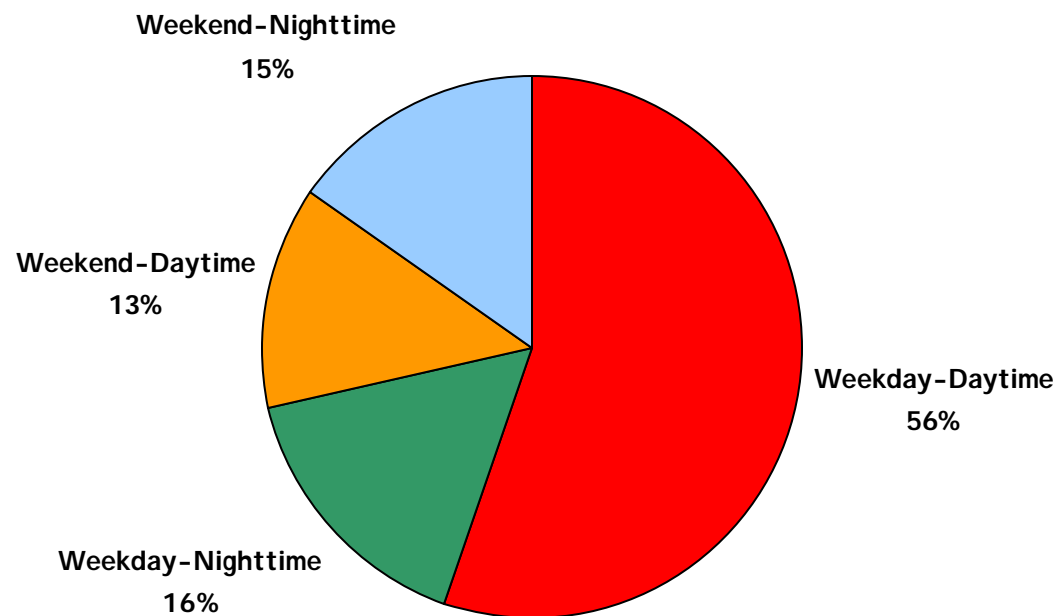
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single victim were not ranked.

** Multiple violation categories with the same number of victims were not listed due to space limitations.

† Tie

Figure 8.1
Pedestrian Crash Victims by Time of Week
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

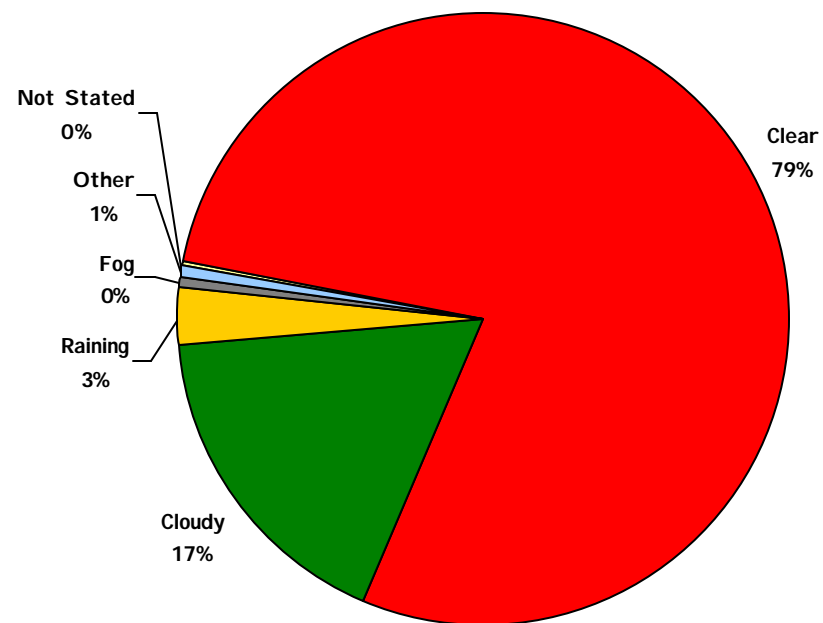
Table 8-2
Number of Pedestrian Victims Killed or Injured in Pedestrian Crashes
in the County of San Diego
by Age of Victim and Time of Week
July 1, 2000 to June 30, 2001

Age of Victim	Time of Week								Total	
	Weekday-Daytime		Weekday-Nighttime		Weekend-Daytime		Weekend-Nighttime			
0 to 4	32	(53.33%)*	5	(8.33%)	14	(23.33%)	9	(15.00%)	60	(100.%)
5 to 9	71	(62.83%)	13	(11.50%)	18	(15.93%)	11	(9.73%)	113	(100.%)
10 to 14	93	(70.99%)	10	(7.63%)	22	(16.79%)	6	(4.58%)	131	(100.%)
15 to 19	69	(67.65%)	17	(16.67%)	4	(3.92%)	12	(11.76%)	102	(100.%)
20 to 24	33	(39.76%)	18	(21.69%)	5	(6.02%)	27	(32.53%)	83	(100.%)
25 to 34	58	(41.73%)	27	(19.42%)	19	(13.67%)	35	(25.18%)	139	(100.%)
35 to 44	73	(46.79%)	27	(17.31%)	23	(14.74%)	33	(21.15%)	156	(100.%)
45 to 54	64	(52.46%)	25	(20.49%)	11	(9.02%)	22	(18.03%)	122	(100.%)
55 to 64	35	(53.03%)	16	(24.24%)	8	(12.12%)	7	(10.61%)	66	(100.%)
65 to 74	40	(63.49%)	8	(12.70%)	9	(14.29%)	6	(9.52%)	63	(100.%)
75 to 84	23	(63.89%)	7	(19.44%)	6	(16.67%)	0	(0.00%)	36	(100.%)
85 and older	10	(52.63%)	3	(15.79%)	5	(26.32%)	1	(5.26%)	19	(100.%)
Not stated	4	(57.14%)	3	(42.86%)	0	(0.00%)	0	(0.00%)	7	(100.%)
Total	605	(55.15%)	179	(16.32%)	144	(13.13%)	169	(15.41%)	1097	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Figure 8.2
Pedestrian Crash Victims by First Weather Condition
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 8-3
Number of Pedestrian Victims Killed or Injured in Pedestrian Crashes
in the County of San Diego
by Age of Victim and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Victim	Fault in Pedestrian Crash						Total	
	Pedestrian at Fault		Other Party at Fault		Fault Not Assigned			
0 to 4	40	(66.67%)*	13	(21.67%)	7	(11.67%)	60	(100.%)
5 to 9	62	(54.87%)	21	(18.58%)	30	(26.55%)	113	(100.%)
10 to 14	72	(54.96%)	41	(31.30%)	18	(13.74%)	131	(100.%)
15 to 19	40	(39.22%)	40	(39.22%)	22	(21.57%)	102	(100.%)
20 to 24	28	(33.73%)	35	(42.17%)	20	(24.10%)	83	(100.%)
25 to 34	60	(43.17%)	61	(43.88%)	18	(12.95%)	139	(100.%)
35 to 44	47	(30.13%)	61	(39.10%)	48	(30.77%)	156	(100.%)
45 to 54	46	(37.70%)	54	(44.26%)	22	(18.03%)	122	(100.%)
55 to 64	19	(28.79%)	33	(50.00%)	14	(21.21%)	66	(100.%)
65 to 74	24	(38.10%)	30	(47.62%)	9	(14.29%)	63	(100.%)
75 to 84	11	(30.56%)	21	(58.33%)	4	(11.11%)	36	(100.%)
85 and older	3	(15.79%)	11	(57.89%)	5	(26.32%)	19	(100.%)
Not stated	3	(42.86%)	1	(14.29%)	3	(42.86%)	7	(100.%)
Total	455	(41.48%)	422	(38.47%)	220	(20.05%)	1097	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

9: PEDESTRIAN CRASHES

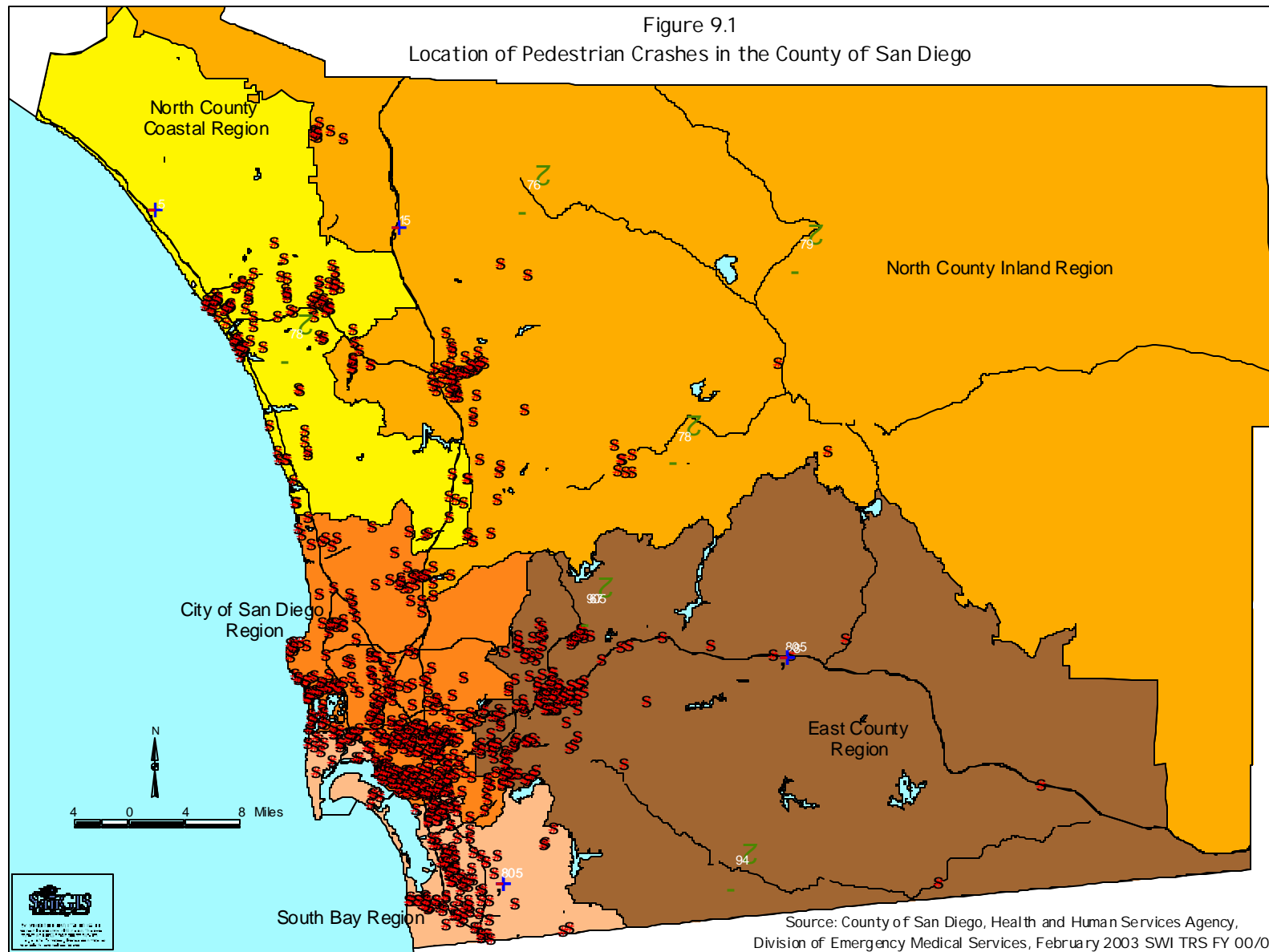


Table 9-1
Leading Violation Categories in Pedestrian Crashes by Age of Party at Fault
County of San Diego

Age of Party at Fault	Rank of Violation Category						Total Number of Crashes
	1	2	3	4	5	6	
0-4	Pedestrian Violation 28	Automobile Right-of-Way 3	Pedestrian Right-of-Way 2	*			34
5-9	Pedestrian Violation 56	*					60
10-14	Pedestrian Violation 65	*					70
15-19	Pedestrian Violation 36	Pedestrian Right-of-Way 12	Improper Turning 6	Unsafe Speed 5	Peds UI Alcohol/Drugs 3	**	69
20-24	Pedestrian Violation 23	Pedestrian Right-of-Way 16	Unsafe Speed 8	Unsafe Start/Backup 4	Peds UI Alcohol/Drugs 3	**	63
25-34	Pedestrian Violation 44	Pedestrian Right-of-Way 29	Peds UI Alcohol/Drugs 11	Unsafe Start/Backup 7†	Automobile Right-of-Way 7†	Improper Turning 5	116
35-44	Pedestrian Right-of-Way 34	Pedestrian Violation 30	Peds UI Alcohol/Drugs 11	Unsafe Start/Backup 6	DUI Alcohol/Drugs 5†	Other Hazardous Viol. 5†	108
45-54	Pedestrian Violation 32	Pedestrian Right-of-Way 21	Peds UI Alcohol/Drugs 11	Unsafe Start/Backup 9	Improper Turning 5	Traffic Signals & Signs 4	93
55-64	Pedestrian Violation 20	Pedestrian Right-of-Way 12	Unsafe Start/Backup 4	Automobile Right-of-Way 2	*		43
65-74	Pedestrian Violation 20	Pedestrian Right-of-Way 12	Unsafe Speed 4	Automobile Right-of-Way 3	Unsafe Start/Backup 2	*	45
75-84	Pedestrian Violation 10	Pedestrian Right-of-Way 9	Unsafe Speed 2†	Automobile Right-of-Way 2†	*		30
85+	Pedestrian Violation 3	Unsafe Start/Backup 2	*				6
All Crashes	Pedestrian Violation 423	Pedestrian Right-of-Way 223	Unsafe Start/Backup 49	Improper Turning 46	Peds UI Alcohol/Drugs 45	Unsafe Speed 34	1047

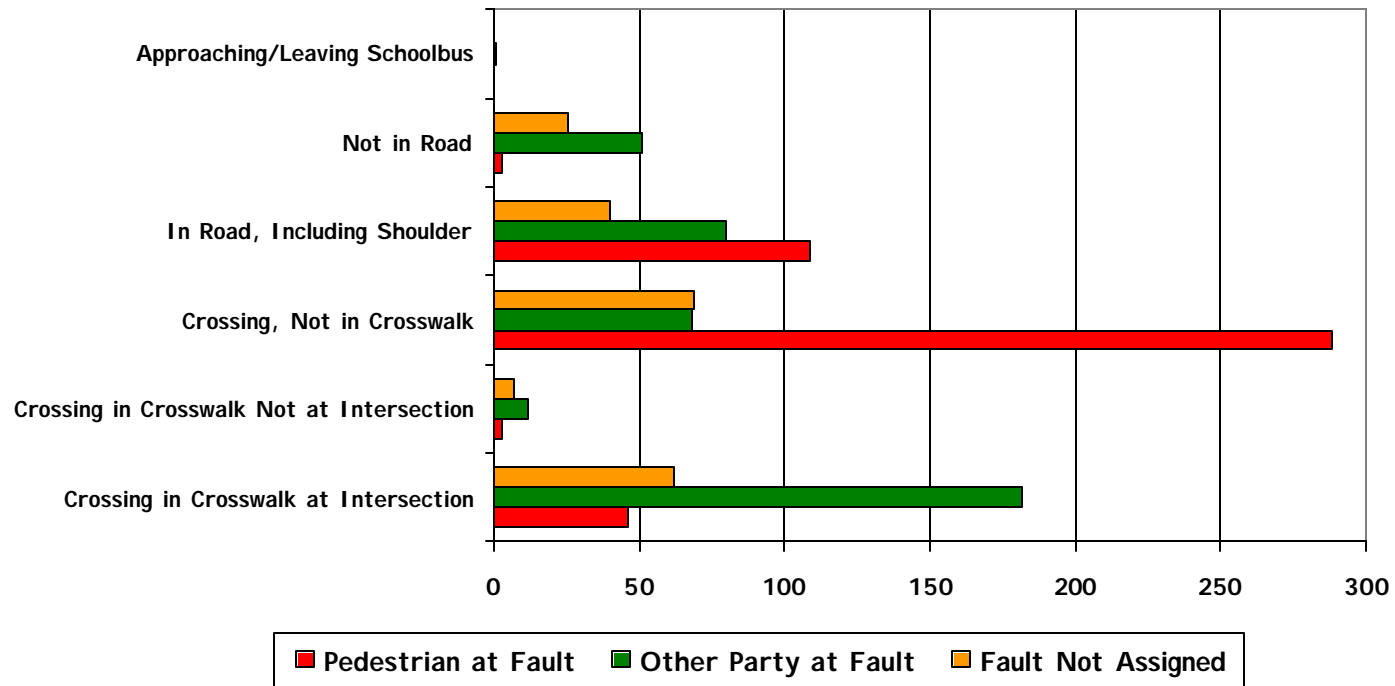
Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

* Violation categories leading to a single crash were not ranked.

** Multiple violation categories with the same number of crashes were not listed due to space limitations.

† Tie

Figure 9.2
Pedestrian Action by Type of Party at Fault
County of San Diego



Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWI TRS database FY 00/01.

Table 9-2a
Number of Pedestrian Crashes in the County of San Diego
by Age of Party at Fault and Pedestrian Action
In Crashes Where the Pedestrian Was at Fault†
July 1, 2000 to June 30, 2001

Age of Party at Fault	Pedestrian Action						Total
	Crossing in Crosswalk at Intersection	Crossing in Crosswalk Not at Intersection	Crossing, Not in Crosswalk	In Road, Including Shoulder	Not in Road	Approaching/ Leaving Schoolbus	
Not Stated	2	0	7	6	0	0	15
	(13.33%)*	(0.00%)	(46.67%)	(40.00%)	(0.00%)	(0.00%)	(100.%)
0 to 4	1	0	23	9	1	0	34
	(2.94%)	(0.00%)	(67.65%)	(26.47%)	(2.94%)	(0.00%)	(100.%)
5 to 9	3	1	47	8	1	0	60
	(5.00%)	(1.67%)	(78.33%)	(13.33%)	(1.67%)	(0.00%)	(100.%)
10 to 14	9	0	55	6	0	0	70
	(12.86%)	(0.00%)	(78.57%)	(8.57%)	(0.00%)	(0.00%)	(100.%)
15 to 19	4	0	24	11	0	0	39
	(10.26%)	(0.00%)	(61.54%)	(28.21%)	(0.00%)	(0.00%)	(100.%)
20 to 24	2	0	13	12	0	0	27
	(7.41%)	(0.00%)	(48.15%)	(44.44%)	(0.00%)	(0.00%)	(100.%)
25 to 34	3	0	30	25	0	0	58
	(5.17%)	(0.00%)	(51.72%)	(43.10%)	(0.00%)	(0.00%)	(100.%)
35 to 44	6	1	26	13	1	0	47
	(12.77%)	(2.13%)	(55.32%)	(27.66%)	(2.13%)	(0.00%)	(100.%)
45 to 54	3	1	27	11	0	0	42
	(7.14%)	(2.38%)	(64.29%)	(26.19%)	(0.00%)	(0.00%)	(100.%)
55 to 64	4	0	9	6	0	0	19
	(21.05%)	(0.00%)	(47.37%)	(31.58%)	(0.00%)	(0.00%)	(100.%)
65 to 74	3	0	19	2	0	0	24
	(12.50%)	(0.00%)	(79.17%)	(8.33%)	(0.00%)	(0.00%)	(100.%)
75 to 84	5	0	6	0	0	0	11
	(45.45%)	(0.00%)	(54.55%)	(0.00%)	(0.00%)	(0.00%)	(100.%)
85 and older	1	0	2	0	0	0	3
	(33.33%)	(0.00%)	(66.67%)	(0.00%)	(0.00%)	(0.00%)	(100.%)
Total	46	3	288	109	3	0	449
	(10.24%)	(0.67%)	(64.14%)	(24.28%)	(0.67%)	(0.00%)	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

†There were 394 crashes where the other party was at fault and 204 crashes where fault was not assigned.

Table 9-2b
Number of Pedestrian Crashes in the County of San Diego
by Age of Party at Fault and Pedestrian Action
In Crashes Where the Other Party Was at Fault†
July 1, 2000 to June 30, 2001

Age of Party at Fault	Pedestrian Action						Total
	Crossing in Crosswalk at Intersection	Crossing in Crosswalk Not at Intersection	Crossing, Not in Crosswalk	In Road, Including Shoulder	Not in Road	Approaching/ Leaving Schoolbus	
Not Stated	41	3	13	21	13	0	91
	(45.05%)*	(3.30%)	(14.29%)	(23.08%)	(14.29%)	(0.00%)	(100.%)
0 to 4	0	0	0	0	0	0	0
	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.%)
5 to 9	0	0	0	0	0	0	0
	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.%)
10 to 14	0	0	0	0	0	0	0
	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.00%)	(0.%)
15 to 19	8	2	4	8	8	0	30
	(26.67%)	(6.67%)	(13.33%)	(26.67%)	(26.67%)	(0.00%)	(100.%)
20 to 24	14	1	9	8	4	0	36
	(38.89%)	(2.78%)	(25.00%)	(22.22%)	(11.11%)	(0.00%)	(100.%)
25 to 34	31	2	14	6	5	0	58
	(53.45%)	(3.45%)	(24.14%)	(10.34%)	(8.62%)	(0.00%)	(100.%)
35 to 44	35	1	8	9	8	0	61
	(57.38%)	(1.64%)	(13.11%)	(14.75%)	(13.11%)	(0.00%)	(100.%)
45 to 54	25	1	8	11	6	0	51
	(49.02%)	(1.96%)	(15.69%)	(21.57%)	(11.76%)	(0.00%)	(100.%)
55 to 64	9	0	5	9	1	0	24
	(37.50%)	(0.00%)	(20.83%)	(37.50%)	(4.17%)	(0.00%)	(100.%)
65 to 74	10	2	4	3	1	1	21
	(47.62%)	(9.52%)	(19.05%)	(14.29%)	(4.76%)	(4.76%)	(100.%)
75 to 84	8	0	3	4	4	0	19
	(42.11%)	(0.00%)	(15.79%)	(21.05%)	(21.05%)	(0.00%)	(100.%)
85 and older	1	0	0	1	1	0	3
	(33.33%)	(0.00%)	(0.00%)	(33.33%)	(33.33%)	(0.00%)	(100.%)
Total	182	12	68	80	51	1	394
	(46.19%)	(3.05%)	(17.26%)	(20.30%)	(12.94%)	(0.25%)	(100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

†There were 449 crashes where the pedestrian was at fault and 204 crashes where fault was not assigned.

Table 9-3
Number of Pedestrian Crashes in the County of San Diego
by Age of Party at Fault and First Weather Condition
July 1, 2000 to June 30, 2001

Age of Party at Fault	First Weather Condition						Total
	Not Stated	Clear	Cloudy	Raining	Fog	Other	
Not Stated	1 (0.94%)*	88 (83.02%)	13 (12.26%)	3 (2.83%)	0 (0.00%)	1 (0.94%)	106 (100.%)
1 to 4	0 (0.00%)	26 (76.47%)	8 (23.53%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	34 (100.%)
5 to 9	0 (0.00%)	45 (75.00%)	15 (25.00%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	60 (100.%)
10 to 14	0 (0.00%)	56 (80.00%)	13 (18.57%)	1 (1.43%)	0 (0.00%)	0 (0.00%)	70 (100.%)
15 to 19	0 (0.00%)	52 (75.36%)	15 (21.74%)	1 (1.45%)	0 (0.00%)	1 (1.45%)	69 (100.%)
20 to 24	0 (0.00%)	44 (69.84%)	13 (20.63%)	3 (4.76%)	2 (3.17%)	1 (1.59%)	63 (100.%)
25 to 34	0 (0.00%)	85 (73.28%)	20 (17.24%)	9 (7.76%)	2 (1.72%)	0 (0.00%)	116 (100.%)
35 to 44	0 (0.00%)	84 (77.78%)	19 (17.59%)	4 (3.70%)	0 (0.00%)	1 (0.93%)	108 (100.%)
45 to 54	0 (0.00%)	74 (79.57%)	16 (17.20%)	3 (3.23%)	0 (0.00%)	0 (0.00%)	93 (100.%)
55 to 64	0 (0.00%)	33 (76.74%)	6 (13.95%)	3 (6.98%)	0 (0.00%)	1 (2.33%)	43 (100.%)
65 to 74	0 (0.00%)	34 (75.56%)	10 (22.22%)	1 (2.22%)	0 (0.00%)	0 (0.00%)	45 (100.%)
75 to 84	0 (0.00%)	23 (76.67%)	5 (16.67%)	2 (6.67%)	0 (0.00%)	0 (0.00%)	30 (100.%)
85 and older	0 (0.00%)	5 (83.33%)	0 (0.00%)	0 (0.00%)	0 (0.00%)	1 (16.67%)	6 (100.%)
Fault Not Assigned	2 (0.98%)	170 (83.33%)	27 (13.24%)	4 (1.96%)	0 (0.00%)	1 (0.49%)	204 (100.%)
Total	3 (0.29%)	819 (78.22%)	180 (17.19%)	34 (3.25%)	4 (0.38%)	7 (0.67%)	1047 (100.%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are row percents.

Table 9-4
Number of Pedestrian Crashes in the County of San Diego
by Age and Gender of Party at Fault and Type of Party at Fault
July 1, 2000 to June 30, 2001

Age of Party at Fault	Fault in Pedestrian Crash†							
	Pedestrian at Fault				Other Party at Fault			
	Gender of Party at Fault††				Gender of Party at Fault††			
	Male		Female		Male		Female	
Not Stated	9	(2.00%)*	6	(1.34%)	16	(4.89%)	8	(2.45%)
0 to 4	25	(5.57%)	9	(2.00%)	0	(0.00%)	0	(0.00%)
5 to 9	45	(10.02%)	15	(3.34%)	0	(0.00%)	0	(0.00%)
10 to 14	45	(10.02%)	25	(5.57%)	0	(0.00%)	0	(0.00%)
15 to 19	30	(6.68%)	9	(2.00%)	18	(5.50%)	12	(3.67%)
20 to 24	22	(4.90%)	5	(1.11%)	21	(6.42%)	15	(4.59%)
25 to 34	44	(9.80%)	14	(3.12%)	32	(9.79%)	26	(7.95%)
35 to 44	25	(5.57%)	22	(4.90%)	33	(10.09%)	28	(8.56%)
45 to 54	27	(6.01%)	15	(3.34%)	35	(10.70%)	16	(4.89%)
55 to 64	15	(3.34%)	4	(0.89%)	16	(4.89%)	8	(2.45%)
65 to 74	15	(3.34%)	9	(2.00%)	11	(3.36%)	10	(3.06%)
75 to 84	7	(1.56%)	4	(0.89%)	7	(2.14%)	12	(3.67%)
85 and older	2	(0.45%)	1	(0.22%)	1	(0.31%)	2	(0.61%)
Total	311	(69.27%)	138	(30.73%)	190	(58.10%)	137	(41.90%)

Source: County of San Diego, Health and Human Services Agency, Division of Emergency Medical Services, SWITRS database FY 00/01.

*Numbers in parentheses are age and gender percents.

†Fault was not assigned in 204 crashes.

††Gender of party at fault was not stated for 67 other parties.



Fiscal Year 2000 - 2001

REPORT OF FATAL AND INJURY TRAFFIC COLLISIONS

LOCAL ESTIMATED COSTS OF TRAFFIC CRASHES

Produced by the County of San Diego, Health and Human Services Agency,
Division of Emergency Medical Services, February 2003

Funding for this program was provided by a grant from the California Office of Traffic Safety
through the Business, Transportation & Housing Agency

Local Estimated Costs of Traffic Crashes

Overview:

Utilizing components the Crash Costs economic modeling program created by NHTSA and incorporating local cost data adjusted separately for overall inflation and medical cost inflation, Safe Communities – 2000 Plus has created local estimated costs of traffic related crashes by crash type and severity. These estimates include medical, emergency, rehabilitation and funeral costs only. This analysis is based on the number of victims injured as reported to the Statewide Integrated Traffic Records System.

The estimated medical costs for the 7480 persons injured in traffic crashes during FY 00/01 in the Safe Communities – 2000 Plus program area was \$205,084,193. This is over half a million dollars each day (\$561,875).

Type of Crash	Number of Injured Victims	Estimated Medical Costs
Motor Vehicle Occupant	6540	\$147,574,333
Motorcycle	251	\$18,928,865
Pedalcycle	253	\$12,946,889
Pedestrian	436	\$25,634,106
Total	7480	\$205,084,193

The following detailed tables contain four types of traffic related crashes: motor vehicle occupant (MVO), motorcycle, pedalcycle and pedestrian. For each type, victims of crashes have been aggregated into four severity groups: fatal, severe, moderate and mild. The number of victims for each level of severity for each crash type is listed.

Based on the percentage of crashes in which the offense was considered “driving under the influence of either alcohol or drugs”, an estimated medical cost of DUI crashes was developed. This is an estimate based on the weighted average of medical costs for each crash type and assumes that DUI crashes were evenly distributed in severity.

Traffic crash related costs not included in this analysis were productivity and employer losses, insurance administrative costs, legal costs, property damage and travel delays. These costs are substantial. National estimates place these costs in a range of one to ten times that of medical costs depending on the severity of the injury and the model employed.

For more information or a detailed description of methodology, please contact Leslie Upledger Ray, Senior Epidemiologist at Emergency Medical Services, 6255 Mission Gorge Road, San Diego, CA 92020 or at (619) 285-6429.

Local Estimated Costs of Traffic Crashes - City of San Diego Region

Local Estimated Costs of Traffic Crashes FY00/01

Severity	City		%DUI	Medical Costs
MVO				
Fatal	40	9844.774	8.35	\$ 393,790.96
Severe	149	367728		\$ 54,791,468.42
Moderate	1613	46922.17		\$ 75,685,463.44
Mild	4738	3525.456		\$ 16,703,610.53
Total	6540	22564.88	\$ 188,416.77	\$ 147,574,333.35

Motorcycle

Fatal	7	9844.774	5.18	\$ 68,913.42
Severe	30	367728		\$ 11,031,839.28
Moderate	163	46922.17		\$ 7,648,314.04
Mild	51	3525.456		\$ 179,798.26
Total	251	75413.8	\$ 390,643.51	\$ 18,928,864.99

Pedalcycle

Fatal	2	9844.774	0.4	\$ 19,689.55
Severe	14	367728		\$ 5,148,191.66
Moderate	160	46922.17		\$ 7,507,547.52
Mild	77	3525.456		\$ 271,460.11
Total	253	51173.47	\$ 20,469.39	\$ 12,946,888.84

Pedestrian

Fatal	15	9844.774	4.82	\$ 147,671.61
Severe	41	367728		\$ 15,076,847.02
Moderate	209	46922.17		\$ 9,806,733.95
Mild	171	3525.456		\$ 602,852.98
Total	436	58793.82	\$ 283,386.21	\$ 25,634,105.55

Cost estimates include adjusted medical, emergency, rehabilitation and funeral costs.

DUI costs are based on a percentage of the weighted average medical costs.

Local Estimated Costs of Traffic Crashes - County of San Diego

Local Estimated Costs of Traffic Crashes FY00/01

Severity	County		%DUI	Medical Costs
MVO				
Fatal	184	9844.774	9.82	\$ 1,811,438.42
Severe	675	367728		\$ 248,216,383.80
Moderate	5393	46922.17		\$ 253,051,273.60
Mild	14625	3525.456		\$ 51,559,794.00
Total	20877	26566.98	\$ 260,887.77	\$ 554,638,889.81
Motorcycle				
Fatal	32	9844.774	7.26	\$ 315,032.77
Severe	144	367728		\$ 52,952,828.54
Moderate	501	46922.17		\$ 23,508,008.17
Mild	274	3525.456		\$ 965,974.94
Total	951	81747.47	\$ 593,486.64	\$ 77,741,844.43
Pedalcycle				
Fatal	4	9844.774	2.87	\$ 39,379.10
Severe	60	367728		\$ 22,063,678.56
Moderate	474	46922.17		\$ 22,241,109.53
Mild	229	3525.456		\$ 807,329.42
Total	767	58867.66	\$ 168,950.19	\$ 45,151,496.61
Pedestrian				
Fatal	67	9844.774	5.81	\$ 659,599.86
Severe	136	367728		\$ 50,011,004.74
Moderate	501	46922.17		\$ 23,508,008.17
Mild	432	3525.456		\$ 1,522,996.99
Total	1136	66638.74	\$ 387,171.09	\$ 75,701,609.76

Cost estimates include adjusted medical, emergency, rehabilitation and funeral costs.

DUI costs are based on a percentage of the weighted average medical costs.



REPORT OF FATAL AND INJURY TRAFFIC COLLISIONS

* * * *

TRENDS 1996/97 - 2000/01

Fiscal Year 2000 - 2001

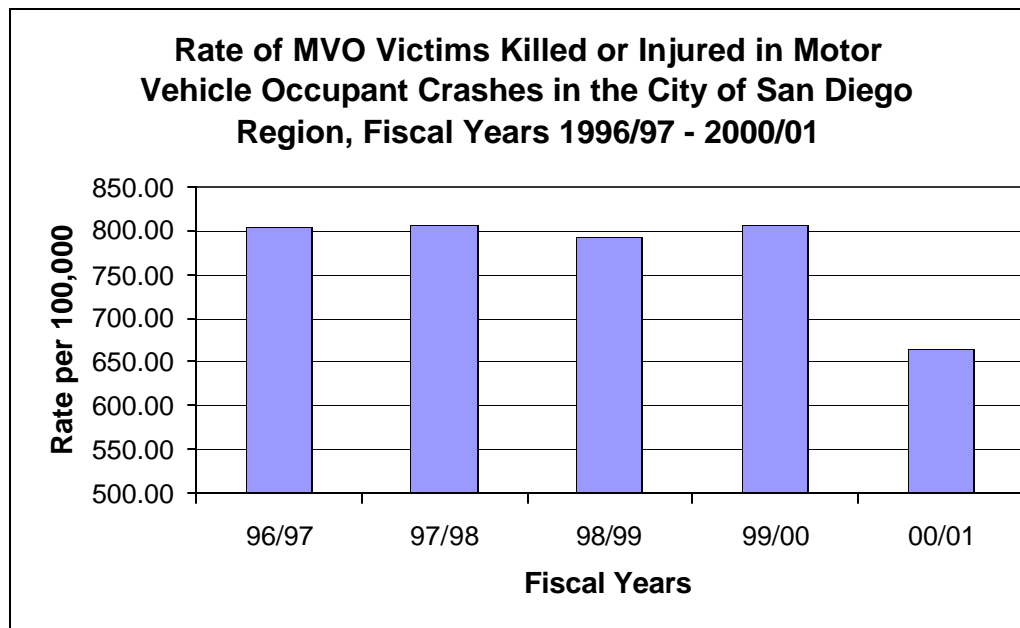
Produced by the County of San Diego, Health and Human Services Agency,
Division of Emergency Medical Services, February 2003

Funding for this program was provided by a grant from the California Office of Traffic Safety
through the Business, Transportation & Housing Agency

This section summarizes the general trends in traffic safety related injuries in the City of San Diego region. For detailed information, including restraint use, leading causes, age and gender breakdowns, etc. please see the detailed reports for each year.

Motor Vehicle Occupant Crashes

Motor vehicle occupant (MVO) crashes accounted for the vast majority of traffic related injuries and deaths in the region. There was a 17.23% decrease in the rate of victims killed or injured in motor vehicle occupant crashes between 96/97 and 00/01.



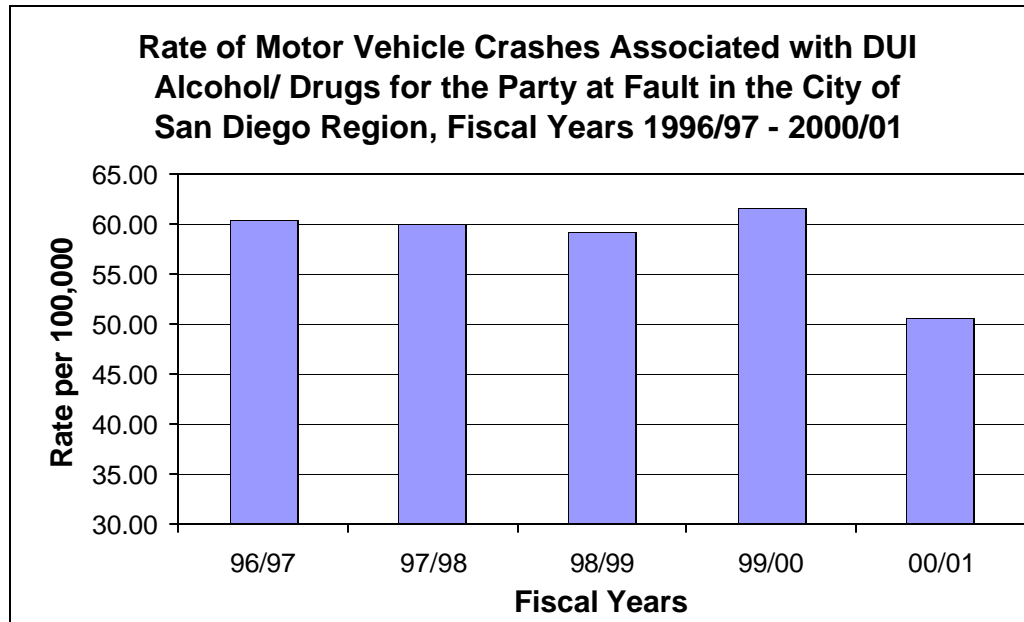
Crashes that result in fatal and severe injury have the most devastating effects on the community. The rate of fatal and severely injured victims dropped from 22.12 per 100,000 population to 19.12 per 100,000 population. The rate had dropped to 17.66 in 99/00 but increased again in 00/01. The number of injured crash victims who were unrestrained dropped by 31%.

Rates of Fatal and Severe Injury to MVO Victims per 100,000 by Year

96/97	97/98	98/99	99/00	00/01
22.12	21.01	19.73	17.66	19.12

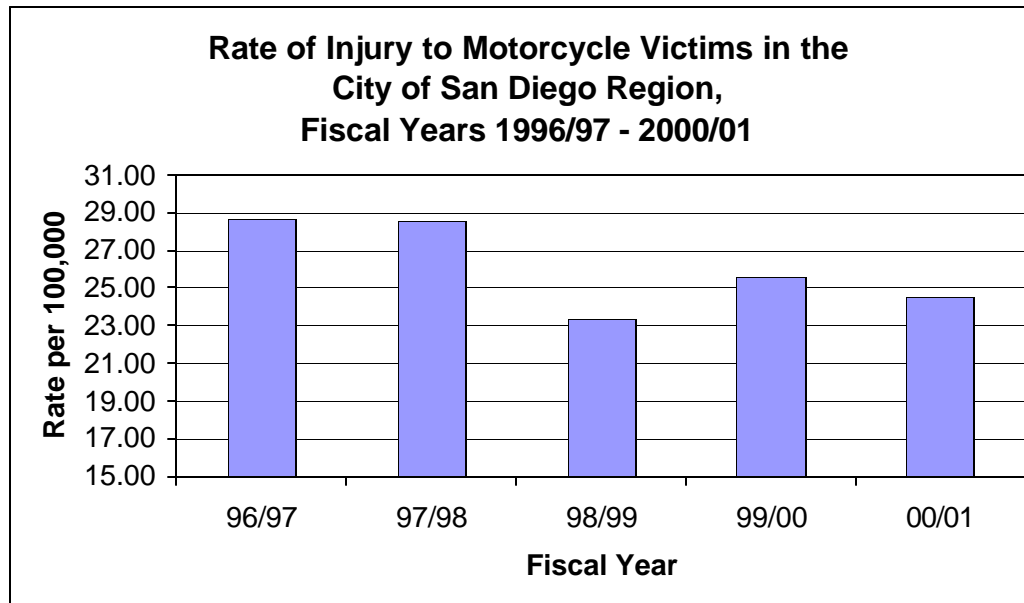
Driving Under the Influence

Driving under the influence was identified as a causal factor in 9.4% of motor vehicle occupant crashes in 96/97. The rate of DUI crashes was 60.44 per 100,000 population. This rate dropped by 16.44% by 00/01 to a rate of 50.50 per 100,000 population.



Motorcycle Crashes

Motorcycle victims typically numbered less than 250 per year. The rate of injury to motorcycle victims in 96/97 was 28.66 per 100,000 population and fell to 24.51 per 100,000 population by 00/01.

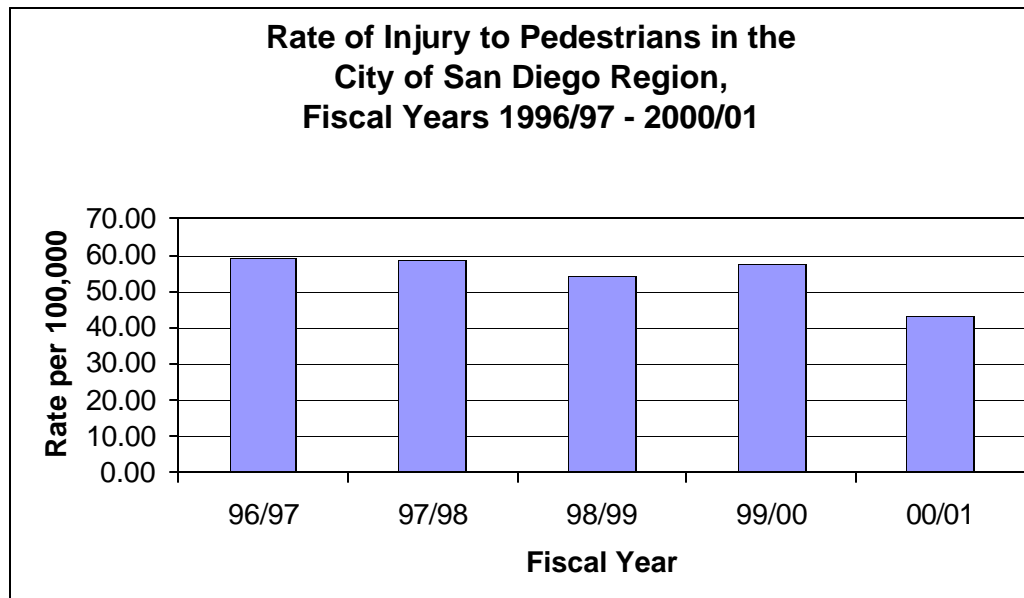


The vast majority of injured motorcyclists were wearing their helmets at the time of the crash. Mean non-helmet use was 12.

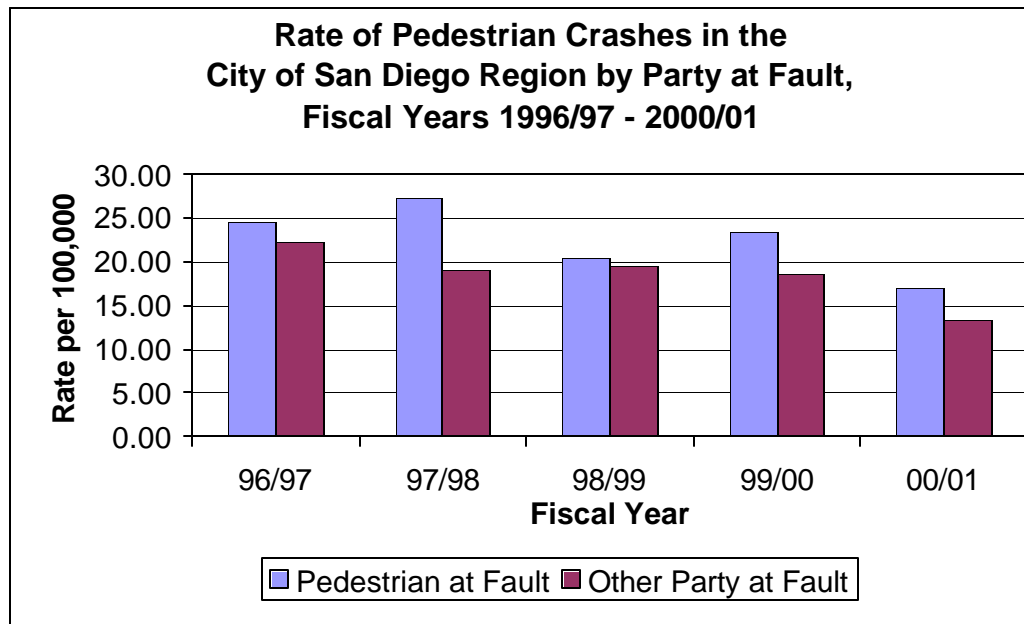
Pedestrian Crashes

In the baseline data collected for the San Diego Safe Communities project, pedestrian injury was identified as a priority area. Efforts were made to assess a variety of perceived factors including pedestrians under the influence of alcohol, pedestrians at fault and specific areas with unusually high numbers of crashes.

Contrary to community opinion, pedestrians under the influence (PUIs) in the downtown area were found to be a relatively rare cause of pedestrian crashes and that crossing against lights and mid block were greater risks. The combination of drivers turning right on red and pedestrians crossing against the light were responsible for the majority of pedestrian injuries.



- From FY 96/97 to FY 00/01, the rate of injured pedestrians decreased from 59.18 to 43.18 per 100,000 population, which was a decrease of 27.0%.



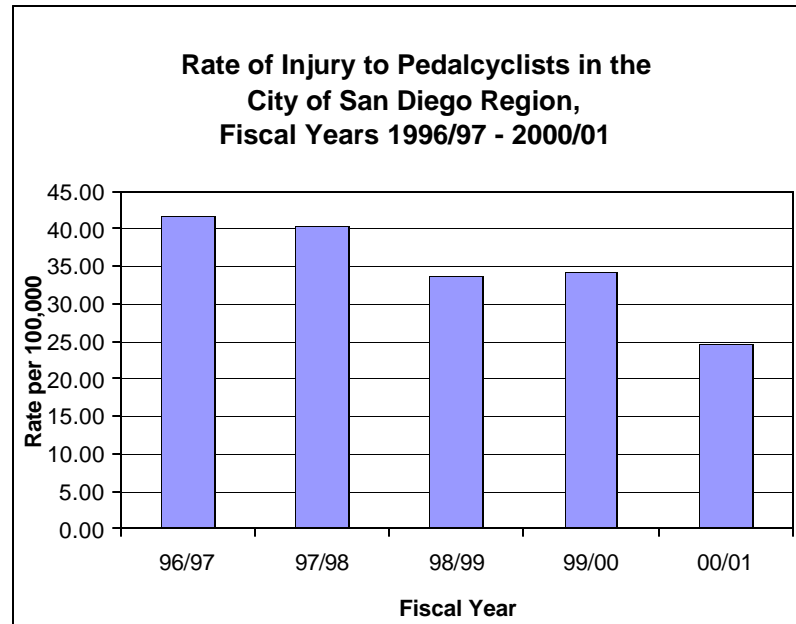
- Both the rate of pedestrian crashes when the pedestrian was at fault and when the other party at fault decreased from FY 96/97 to FY 00/01. For pedestrian crashes when the pedestrian was at fault, the rate decreased from 24.63 per 100,000 population in FY 96/97 to 17.09 per 100,000 population in 00/01, which is a decrease of 30.6%. For pedestrian crashes when the other party was at fault, the rate decreased from 22.23 per 100,000 population in FY 96/97 to 13.43 per 100,000 population in 00/01, which is a decrease of 39.8%.

Pedestrian Crashes in the University Avenue/El Cajon Boulevard Corridor

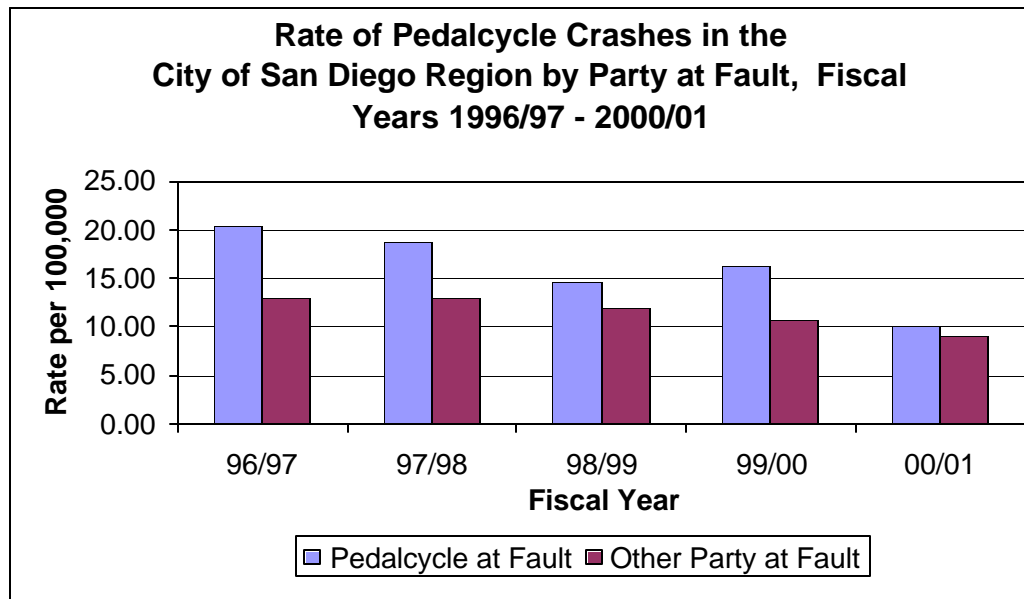
Based on pedestrian injury data collected at the beginning of the San Diego Safe Communities Project, the University Avenue/El Cajon Boulevard Corridor was identified as particularly dangerous (140 victims). A committee of community based organizations, local business owners and residents as well as traffic safety professionals identified that the problem appeared to be pedestrians crossing mid-block. Pedestrian education efforts and environmental changes have resulted in significant decreases:

- Severe injury decreased for pedestrian crashes from FY 96/97 to FY 00/01 (13.8% to 7.6%, respectively).
- The proportion of pedestrian injuries where the pedestrian was at fault and where the other party was at fault declined from FY 96/97 to FY 00/01.
 - In FY 96/97, pedestrian fault was noted in 44.9% while the other party was at fault in 40.6% of pedestrian injuries.
 - In FY 00/01, the proportion of pedestrian at faults in pedestrian crashes was 38.2%. The other party was assigned fault for 30.6% of injuries.
 - The proportion of pedestrian injuries where fault was not assigned increased from FY 96/97 to FY 00/01 (14.5% to 31.3%, respectively).

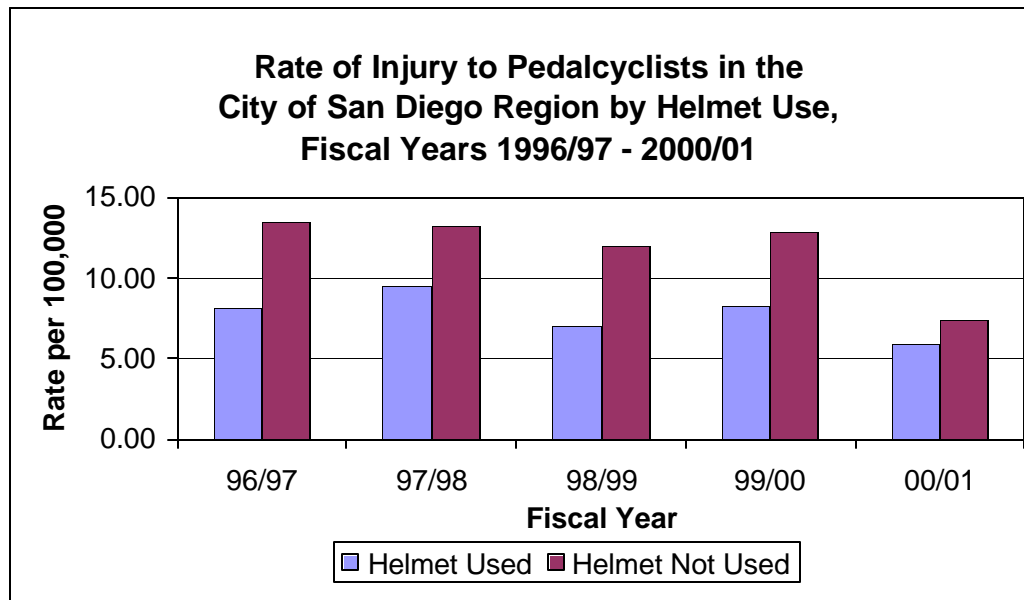
Pedalcycle Crashes in San Diego



- Overall, the rate of injury to pedalcyclists decreased from FY 96/97 to FY 00/01. In FY 96/97, the rate injury to pedalcyclists was 41.74 per 100,000 population. In FY 00/01, the rate was 24.72, which was a decrease of 40.8%.



- Both the rate of pedalcycle crashes when the pedalcycle was at fault and when the other party at fault decreased from FY 96/97 to FY 00/01. For pedalcycle crashes when the pedalcycle was at fault, the rate decreased from 22.49 per 100,000 population in FY 96/97 to 10.17 per 100,000 population in 00/01, which is a decrease of 54.8%. For pedalcycle crashes when the pedalcycle was at fault, the rate decreased from 12.97 per 100,000 population in FY 96/97 to 8.95 per 100,000 population in 00/01, which is a decrease of 31.0%.



- As expected, the rate of pedalcyclists who were injured while wearing helmets only decreased slightly from FY 96/97 to FY 00/01.
- Pedalcyclists who were noted as “not wearing a helmet” when injured decreased from 13.51 per 100,000 population in FY 96/97 to 7.43 per 100,000 population in FY 00/01, which is a decrease of 45.0%.

What if motor vehicle related crashes had continued at the same rate as in FY96/97?

Local Estimated Costs of Traffic Crashes FY00/01

Severity	City		Medical Costs
MVO			
Fatal	40	9844.774 \$	393,790.96
Severe	149	367727.976 \$	54,791,468.42
Moderate	1613	46922.172 \$	75,685,463.44
Mild	4738	3525.456 \$	16,703,610.53
Total	6540	22564.8828	\$147,574,333.35

Motorcycle

Fatal	7	9844.774 \$	68,913.42
Severe	30	367727.976 \$	11,031,839.28
Moderate	163	46922.172 \$	7,648,314.04
Mild	51	3525.456 \$	179,798.26
Total	251	75413.8047	\$ 18,928,864.99

Pedalcycle

Fatal	2	9844.774 \$	19,689.55
Severe	14	367727.976 \$	5,148,191.66
Moderate	160	46922.172 \$	7,507,547.52
Mild	77	3525.456 \$	271,460.11
Total	253	51173.4737	\$ 12,946,888.84

Pedestrian

Fatal	15	9844.774 \$	147,671.61
Severe	41	367727.976 \$	15,076,847.02
Moderate	209	46922.172 \$	9,806,733.95
Mild	171	3525.456 \$	602,852.98
Total	436	58793.8201	\$ 25,634,105.55

Local Estimated Costs of if no reduction FY00/01

Severity	City		Medical Costs
MVO			
Fatal	79	9844.774 \$	776,851.12
Severe	158	367727.976 \$	58,034,829.17
Moderate	1973	46922.172 \$	92,565,714.81
Mild	5682	3525.456 \$	20,029,948.77
Total	7891	21721.87858	\$ 171,407,343.87

Motorcycle

Fatal	8	9844.774 \$	83,286.79
Severe	34	367727.976 \$	12,443,914.71
Moderate	183	46922.172 \$	8,600,834.13
Mild	56	3525.456 \$	198,835.72
Total	282	75627.20334	\$ 21,326,871.34

Pedalcycle

Fatal	4	9844.774 \$	40,363.57
Severe	25	367727.976 \$	9,046,108.21
Moderate	258	46922.172 \$	12,119,997.03
Mild	123	3525.456 \$	433,631.09
Total	410	52780.73146	\$ 21,640,099.90

Pedestrian

Fatal	17	9844.774 \$	171,889.75
Severe	52	367727.976 \$	19,261,591.38
Moderate	250	46922.172 \$	11,742,742.76
Mild	192	3525.456 \$	677,099.08
Total	582	54730.7955	\$ 31,853,322.98

Total	7,044	\$179,450,087.18	8,583	\$ 214,374,315.12
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Cost estimates include adjusted medical, emergency, rehabilitation and funeral costs.

If there had been no reduction in the rate of motor vehicle related crashes between FY96/97 and 00/01, there would have been an additional 1,539 injured victims and estimated additional costs of \$215 million. This is equivalent to a 21% decrease in injured victims and a 19% decrease in associated medical costs. These savings in both human and monetary terms are due to prevention efforts. Increased awareness of the importance of using restraints and helmets, of not mixing alcohol consumption and driving, of safer pedestrian and driver behavior have contributed to significantly safer streets for the San Diego community.